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Cover: Female Worm-eating Warbler incubating ground nest, May 27, 1985, Pretty Boy Reservoir watershed, Baltimore County. Photo by Paul Noell.



AN OLD NESTING RECORD FOR THE BALD EAGLE

ROGER B. CLAPP

While working on a paper on egg dates of Virginia birds I noted a clutch of Bald Eagle (*Haliaeetus leucocephalus*) eggs in the collection of U. S. National Museum (USNM 34810) that would have been the fifth known nesting record for the Virginia Piedmont (fide Kain 1987, *Virginia Avifauna* 3:29). According to the USNM catalog, the clutch was collected by Edward J. Court and Theodore W. Richards on February 22, 1911 in Loudoun County "40 miles above Washington." The record was so listed in the USNM computer inventory, leading to these eggs being reported from Loudoun County in the recent summary of Virginia raptor specimens by Johnston and Ehmann (1990, *Virginia Avifauna* 4:12).

Richard's egg catalog (in the USNM) states that the nest with its three "perfectly fresh" eggs had been in a "tall sycamore [*Platanus occidentalis*] on island $\frac{1}{2}$ mi. long in Potomac River, near Tuscarora Sta. Metropolitan Br. B. & O. R.R." Several islands currently meet this description, but perhaps Nolands and Meadow islands are the most likely. In any case all the islands in that region, and the river itself, are in southeastern Frederick County, Maryland, not in Virginia.

Additional notes in Richards's egg catalog indicated that the eagles had nested on the island for "15 to 20?" years, evidently in another sycamore about one-quarter mile away, but the nest from which the eggs were collected had been built the preceding year. The nest was about 85 feet high and was reached by bracing a pole from a branch in a nearby tree to the first limb of the sycamore, 45 feet off the ground. This maneuver, the snow, and sub-freezing temperatures made the nest "very difficult to reach."

Stewart and Robbins (1958, *North American Fauna* 62:115) provided no nesting records for the Bald Eagle in Frederick County, Maryland; the nearest nesting site was to the east in adjacent Montgomery County. Neither Robbins (pers. comm.) nor Robert Ringer (pers. comm.), who maintains a computer file of Maryland bird records, knows of any nestings in Frederick County subsequent to the summary by Stewart and Robbins. The record reported here apparently is both the only known nesting in Frederick County and the northwesternmost known nesting in the state.

*Biological Survey Section
U.S. Fish and Wildlife Service
National Museum of Natural History
Washington, D.C. 20560*

REPORT OF THE STATEWIDE BIRD COUNT MAY 12, 1990

JIM STASZ

The 43rd Annual May Count (Table 1) was above average. Biased by the previous year's spectacular day, some observers expressed disappointment in their individual counts; however, the numbers were not disappointing. The count of 180,009 individuals and 255 species was exceeded only once before: in 1981. The 451 observers in 238 parties walked 786 miles in 1082 hours and drove 5630 miles in 597 hours. Except for the Lower Eastern Shore, everyone experienced a relatively windless overcast day with scattered light rain and showers. Once again, all 23 Maryland counties and the District of Columbia reported. No species was added to the cumulative list. Even with a high overall species total, there were fewer noteworthy birds than in 1989:

Golden Eagle: Ed Boyd and JLS observed an adult flying near Chesapeake Beach, Calvert County, the 4th May Count report; two previous in Dorchester County and one in Kent.

Sandhill Crane: Robrt Hilton reported the same bird noted in last year's report, at Poolesville, Montgomery County.

Black-necked Stilt: Discovered by the Armistead party near the Blackwater NWR Visitor Center "in the same place where the first State Record was found in 1966."

Ruff: An Adult male found on Hart-Miller Island, Baltimore County, by Hank Kaestner. 4th May Count report.

Yellow-bellied Sapsucker: Of several reports, the most notable was one in a pecan tree in Laura French's yard in Somerset County.

Olive-sided Flycatcher: Found by Roberta Ober and June Vaughn near Dublin, Harford County.

Sedge Wren: An apparent migrant on Hart-Miller Island, Baltimore County, found by Hank Kaestner. This species has become rare enough that details are mandatory.

Loggerhead Shrike: Sketched by Marshall Iliff at Crystal Spring Farm, Anne Arundel County. Although we are still finding one or two every year, this species is in serious decline.

Philadelphia Vireo: This rare spring migrant was found by Richard Johnson along Town Creek Road, Allegany County.

Henslow's Sparrow: Now apparently gone from the traditional locations in Dorchester County, one migrant was found by Graham Chisom at Rockburn Park, Howard County, and two breeding birds were reported from Garrett County by Dave Walbeck and Joan McKearnan.

Boat-tailed Grackle: Although relatively common on the Lower Eastern Shore, the adult male found by Hank Kaestner at Black Marsh, Baltimore County, is the first record in more than twenty years for the Upper Western Shore.

All of these were supported with written documentation. Details were also received for Wilson's Phalarope, all of the Red-breasted Nuthatches, the Gray-cheeked Thrush, and Lincoln's Sparrows. Even a few species where notes were not required had written descriptions. This is not a complaint: it is always better to write something down that is not required than to regret it later: especially when someone raises his eyebrows and somewhat sceptically exclaims, "*Oh really.*" The most unusual report came from Fran Pope in Garrett County. Although claiming it was not an attempt to "inflate" the County List, a photo and written description were supplied for the Goodyear Blimp. This sighting is not on Table 1 pending review by the A.O.U.

I have not included the usual Tables 2 and 3 because work is under way on a more detailed analysis of May Count data. Refer to *Maryland Birdlife*, Vol. 45, #2, if you are curious about trends in some of the species.

Once again I must express my appreciation to all of you for putting forth so much effort. Some individual County Coordinators now have as many observers and parties as the totals for the earliest of the Statewide Counts. Special thanks go not only to the M.O.S. Chapters for their support, but to the other bird clubs: the Southern Maryland Audubon Society for their coordination in Calvert, Charles, and St. Mary's Counties; the Prince George's Audubon Society; the Wye Oak Audubon Society for participation in Queen Anne's, and the Garrett County Semi-organized Group (rumored to become the next M.O.S. Chapter).

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Table 1. Statewide Bird Count, May 12, 1990

Species	Garr.	Alle.	Wash.	Fred.	Carr.	D.C.	Mont.	Howa.	Balt.	Harf.	Cecl.
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-
Common Loon	3	-	-	1	3	1	7	12	4	2	-
Pied-billed Grebe	-	-	-	-	-	-	2	-	-	-	-
Northern Gannet	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	-	-	3	-	27	21	-	123	91	179
American Bittern	-	-	-	-	-	-	1	-	1	-	-
Least Bittern	-	-	-	-	-	-	1	-	-	-	-
Great Blue Heron	2	1	-	4	1	5	13	11	97	148	101
Great Egret	-	-	-	-	-	-	-	-	8	1	15
Snowy Egret	-	-	-	-	-	-	-	-	4	-	-
Little Blue Heron	-	-	-	-	-	-	-	-	-	-	-
Tricolored Heron	-	-	-	-	-	-	-	-	-	-	-
Cattle Egret	-	-	-	3	-	-	-	-	-	1	2
Green-backed Heron	4	7	8	15	1	1	19	17	19	5	2
Blk.-crown. Night-Heron	-	-	-	-	-	103	2	1	8	6	1
Yel.-crown. Night-Heron	-	-	-	-	-	-	-	-	2	-	-
Glossy Ibis	-	-	-	1	-	-	-	-	-	-	-
Tundra Swan	-	-	-	-	-	-	-	2	-	1	-
Mute Swan	-	-	-	-	-	-	-	15	-	-	-
Snow Goose	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	35	8	68	87	97	26	376	148	107	128	67
Wood Duck	19	72	85	30	33	15	90	23	54	31	30
Green-winged Teal	-	-	-	-	-	-	-	-	-	-	-
American Black Duck	3	2	-	1	-	2	-	-	9	-	-
Mallard	118	56	203	48	62	96	120	142	284	106	20
Northern Pintail	-	-	-	-	-	-	-	-	-	-	-
Blue-winged Teal	-	6	-	2	-	-	-	-	-	1	-
Northern Shoveler	-	-	-	-	-	-	-	-	2	-	-
Gadwall	-	-	-	-	-	-	-	-	-	-	-
American Wigeon	3	-	-	-	-	-	-	2	-	-	2
Canvasback	-	-	-	-	-	-	-	-	2	-	-
Lesser Scaup	6	-	-	-	2	-	4	-	1	-	-
Oldsquaw	-	-	-	-	-	-	-	-	-	-	-
Black Scoter	-	-	-	-	-	-	-	-	-	-	-
Surf Scoter	-	-	-	-	-	-	-	-	-	-	-
Common Goldeneye	-	-	-	-	-	-	1	-	-	-	1
Bufflehead	2	3	-	-	-	-	-	1	-	-	-
Hooded Merganser	-	-	-	-	-	-	-	-	-	-	-
Red-breasted Merganser	5	-	-	-	7	4	-	-	2	-	1
Ruddy Duck	-	-	-	-	-	-	-	1	1	1	-
Black Vulture	-	-	8	8	39	1	13	7	17	19	26
Turkey Vulture	37	25	64	66	64	1	42	45	89	102	57
Osprey	4	4	2	-	2	3	2	5	19	19	3
Bald Eagle (adult)	-	-	-	-	-	-	1	-	3	6	-
Bald Eagle (immature)	-	-	-	-	-	-	2	1	-	8	1
Bald Eagle (age unknown)	-	-	-	-	-	-	-	-	-	-	-
Northern Harrier	1	-	1	1	1	-	1	1	2	-	1
Sharp-shinned Hawk	1	1	-	-	-	-	1	1	-	-	-
Cooper's Hawk	2	-	3	2	2	-	-	-	-	-	-
Red-shouldered Hawk	1	-	3	3	7	2	15	22	15	9	-
Broad-winged Hawk	3	3	6	-	1	-	2	2	2	3	1
Red-tailed Hawk	2	1	7	11	9	-	6	7	12	12	1
Golden Eagle	-	-	-	-	-	-	-	-	-	-	-
American Kestrel	6	3	4	17	14	-	4	10	17	3	4
Merlin	-	-	-	-	-	-	1	-	-	-	-
Peregrine Falcon	-	-	-	-	-	-	-	-	5	-	-
Ring-necked Pheasant	-	-	6	8	25	-	6	4	10	2	-
Ruffed Grouse	10	2	11	-	-	-	-	-	-	-	-
Wild Turkey	11	5	16	-	-	-	-	-	8	-	-
Northern Bobwhite	2	-	16	6	-	1	11	10	29	15	8

Table 1 (cont.). Statewide Bird Count, May 12, 1990

Pr.G.	Anne	Calv.	Chas.	St.M.	Ken	QuAn.	Caro.	Talb.	Dorc.	Wico.	Some.	Worc.	Total	Co's.
-	-	-	-	-	1	-	-	-	-	-	-	-	1	1
7	13	20	-	2	5	3	-	2	8	-	-	1	94	17
-	-	1	-	-	-	-	-	-	-	-	1	-	4	3
-	-	-	-	-	-	-	-	-	-	-	-	7	7	1
-	93	102	24	37	4	4	-	3	115	7	15	118	966	17
-	-	-	-	-	-	1	-	-	-	-	-	-	3	3
-	-	2	-	-	1	1	-	-	4	-	-	-	9	5
18	78	6	128	57	47	43	21	60	45	7	14	6	913	23
1	-	2	-	37	-	8	-	11	30	1	17	25	156	12
1	-	2	-	4	1	7	-	27	20	4	30	34	134	11
-	1	-	-	-	-	-	-	2	-	-	1	8	12	4
-	-	-	-	-	-	-	-	-	1	-	5	4	10	3
-	1	2	1	3	2	10	4	35	7	11	2	26	110	15
4	26	2	6	6	6	24	2	14	7	2	14	1	212	24
-	1	-	-	2	2	-	-	-	-	-	6	-	132	10
-	-	-	-	-	-	-	-	-	-	-	7	-	9	2
-	-	-	-	3	-	-	-	-	-	-	17	48	69	4
-	-	-	-	-	-	1	-	-	-	-	-	-	4	3
-	-	1	3	-	17	12	2	88	70	-	-	1	209	9
-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
186	39	7	33	35	68	12	14	12	250	4	64	42	1913	24
18	12	3	19	9	11	41	42	14	15	4	1	4	675	24
-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
3	2	3	-	-	2	16	5	6	20	2	13	8	97	16
49	103	48	45	71	339	203	65	85	75	39	39	66	2482	24
-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
-	-	-	-	-	-	4	-	-	5	-	8	-	26	6
-	-	-	-	-	1	-	-	-	-	-	-	-	3	2
-	-	-	-	-	-	3	-	-	1	-	4	-	8	3
-	-	-	-	-	-	1	-	-	-	-	-	-	8	4
-	2	-	-	1	-	-	-	-	-	-	-	-	5	3
-	-	-	-	-	-	2	-	16	-	-	-	-	31	6
-	-	-	-	-	-	1	-	-	-	-	-	-	1	1
-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
-	-	-	-	-	-	-	-	2	-	-	-	1	3	2
-	-	-	-	-	-	-	-	1	-	-	-	-	3	3
-	-	-	1	-	-	-	-	-	-	-	-	1	8	5
-	8	-	-	-	-	1	-	-	-	-	-	-	9	2
-	1	1	1	-	7	-	-	-	3	-	-	7	39	11
-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
3	4	1	5	16	2	12	6	11	3	3	2	2	208	22
13	42	36	23	55	61	141	134	161	55	51	48	77	1489	24
6	63	44	37	58	28	34	17	145	30	14	12	26	577	23
-	-	1	6	6	1	6	2	2	-	3	-	1	38	15
-	-	2	3	4	2	3	-	1	-	4	-	-	31	0
-	-	-	-	-	-	-	-	-	17	-	-	-	17	0
-	-	-	-	1	2	-	2	-	2	-	1	-	17	13
1	4	1	-	2	-	1	1	-	-	-	2	-	16	11
-	-	1	-	-	-	-	-	-	-	-	1	-	11	6
1	6	6	5	4	-	1	1	-	1	3	-	3	108	19
-	-	-	1	1	4	-	-	-	-	-	-	-	29	12
4	7	-	7	6	-	10	8	20	3	12	2	8	155	21
-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
4	10	-	1	1	-	3	2	-	1	-	1	2	107	19
-	1	1	-	1	1	-	-	-	1	-	-	-	6	6
-	1	-	1	-	-	-	-	-	-	-	-	1	8	4
-	1	-	-	-	-	1	-	-	1	-	-	-	64	10
-	-	-	-	-	-	-	-	-	-	-	-	-	23	3
-	-	5	-	-	-	1	3	-	-	-	-	-	49	7
5	12	8	17	23	13	24	44	26	15	8	31	16	340	22

Table 1. Statewide Bird Count, May 12, 1990

Species	Garr.	Alle.	Wash.	Fred.	Carr.	D.C.	Mont.	Howa.	Balt.	Harf.	Cech.
Black Rail	-	-	-	-	-	-	-	-	-	-	-
Clapper Rail	-	-	-	-	-	-	-	-	-	-	-
King Rail	-	-	-	-	-	-	-	-	-	-	-
Virginia Rail	-	3	-	-	-	-	-	-	1	-	1
Sora	2	4	-	-	-	-	1	-	1	-	4
Common Moorhen	-	-	-	-	-	-	1	-	-	-	11
American Coot	-	-	-	-	-	1	-	-	-	-	-
Sandhill Crane	-	-	-	-	-	-	1	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	9	-	-
Semipalmated Plover	1	2	-	1	-	-	-	-	7	-	6
Piping Plover	-	-	-	-	-	-	-	-	-	-	-
Killdeer	27	39	19	35	20	3	8	27	25	19	5
American Oystercatcher	-	-	-	-	-	-	-	-	-	-	-
Black-necked Stilt	-	-	-	-	-	-	-	-	-	-	-
Greater Yellowlegs	-	3	-	4	-	-	1	2	3	2	7
Lesser Yellowlegs	5	9	1	5	-	-	-	15	7	4	3
Solitary Sandpiper	7	4	6	25	10	-	19	34	24	14	8
Willet	-	-	-	-	-	-	-	-	1	-	-
Spotted Sandpiper	27	17	18	44	9	14	77	31	156	42	9
Upland Sandpiper	3	-	-	-	-	-	-	-	-	-	-
Whimbrel	-	-	-	-	-	-	-	-	-	-	-
Ruddy Turnstone	-	-	-	-	-	-	-	-	15	-	-
Sanderling	-	-	-	-	-	-	-	-	1	-	-
Semipalmated Sandpiper	-	3	-	1	-	-	3	1	468	1	20
Western Sandpiper	-	-	-	-	-	-	-	-	4	-	-
Least Sandpiper	7	35	-	67	-	-	-	1	85	41	98
White-rumped Sandpiper	-	-	-	-	-	-	-	-	5	-	-
Pectoral Sandpiper	-	-	-	-	-	-	-	-	-	7	-
Purple Sandpiper	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	200	-	-
Ruff	-	-	-	-	-	-	-	-	1	-	-
Short-billed Dowitcher	-	-	-	-	-	-	-	-	1	-	-
Common Snipe	-	-	-	1	-	-	-	1	1	1	-
American Woodcock	10	8	-	-	-	-	-	-	5	1	-
Wilson's Phalarope	-	-	-	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	63	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	4	167	1	132	15	272	20	29	690	110	673
Herring Gull	-	-	-	-	-	3	1	-	314	2	12
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	1	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	-	14	-	-	92	47	4
Gull-billed Tern	-	-	-	-	-	-	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	-	-	271	6	3
Royal Tern	-	-	-	-	-	-	-	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	2	-	-
Forster's Tern	-	-	-	-	-	5	-	-	1	-	-
Sterna sp.	-	-	-	-	-	-	-	-	20	-	-
Least Tern	-	-	-	-	-	-	-	-	4	13	-
Black Tern	9	-	-	-	-	-	-	-	1	-	-
Black Skimmer	-	-	-	-	-	-	-	-	-	-	-
Rock Dove	119	207	200	334	195	63	192	409	648	148	71
Mourning Dove	75	76	181	232	243	61	329	393	509	223	86
Black-billed Cuckoo	-	7	5	-	5	-	10	17	9	-	1
Yellow-billed Cuckoo	3	20	15	10	9	1	47	62	23	9	6
Barn Owl	-	-	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	-	1	2	-	-	3	-	4	3	4	1
Great Horned Owl	3	-	4	2	2	-	-	3	1	10	5
Barred Owl	2	2	9	1	2	-	12	5	3	10	3
Northern Saw-whet Owl	1	-	-	-	-	-	-	-	-	-	-

Pr.G.	Anne	Calv.	Chas.	St.M.	Kent	QuAn.	Caro.	Talb.	Dorc.	Wico.	Some.	Worc.	Total	Co's.
-	-	-	-	-	-	-	-	-	2	-	-	-	2	1
-	-	-	-	-	-	-	-	-	3	-	6	1	10	3
-	9	2	2	-	15	-	1	-	11	-	-	-	5	3
-	-	1	-	-	2	-	-	18	118	2	2	-	173	11
-	-	-	-	-	-	-	-	1	3	-	-	-	19	9
-	-	-	-	-	1	-	4	-	-	-	2	-	19	5
-	-	1	-	-	-	-	-	-	-	-	-	-	2	2
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	5	30	12	-	13	8	2	-	116	195	8
-	1	1	-	5	5	19	21	5	10	43	-	22	149	15
-	-	-	-	-	-	-	-	-	-	-	-	12	12	1
4	9	3	7	7	7	27	23	15	4	9	2	5	349	24
-	-	-	-	-	-	-	-	-	4	-	-	17	21	2
2	-	1	1	1	11	13	31	3	1	-	3	-	4	2
1	2	-	-	1	3	17	31	6	20	-	1	1	132	18
6	1	8	5	11	2	4	1	3	7	-	-	-	199	20
-	-	-	-	-	2	-	-	-	10	3	4	80	100	6
21	59	22	23	11	4	9	12	24	12	4	-	8	653	23
-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
-	-	-	-	-	-	-	-	-	-	-	-	112	112	1
-	-	-	-	-	-	-	-	1	25	-	-	47	88	4
1	-	1	-	16	-	-	-	18	4	-	-	205	248	6
-	-	-	-	7	14	10	1	1	-	17	6	840	1395	17
-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
1	7	5	-	55	54	39	41	50	40	41	3	5	675	19
-	-	-	-	-	-	-	-	-	-	-	-	-	5	1
-	-	-	-	-	3	-	1	-	-	-	-	-	11	3
-	-	-	-	-	-	-	-	-	-	-	-	-	19	1
-	-	-	-	-	-	-	5	3	345	-	-	245	798	5
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	18	-	-	-	10	-	-	7	36	4
2	6	2	1	-	3	-	1	2	7	-	2	-	50	13
-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
2	497	110	30	467	180	72	158	1241	900	463	272	489	4944	14
40	-	-	-	-	-	-	-	-	-	-	-	18	18	1
-	371	101	447	295	1219	391	31	286	80	72	31	102	5579	24
-	336	52	3	276	50	43	4	31	550	3	1512	452	3644	17
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	1	-	-	-	-	-	-	-	-	-	-	1	22	-
-	20	2	1	4	4	-	-	5	20	-	18	32	263	13
-	-	-	-	-	-	-	-	-	-	-	-	4	4	1
-	21	5	-	-	2	-	-	-	-	-	-	-	308	6
2	9	114	56	29	-	-	-	-	5	12	-	8	235	8
-	-	9	-	32	2	-	1	4	1	-	4	1062	1117	9
-	29	16	5	4	10	5	25	52	115	25	10	7	309	14
-	-	-	-	11	-	-	-	-	-	-	-	-	310	-
-	-	18	2	8	1	3	-	14	3	4	3	25	98	12
-	4	-	-	-	-	-	-	-	-	-	-	-	14	3
-	-	-	-	-	-	-	-	-	55	-	-	118	173	2
39	159	2	3	36	15	96	101	50	2	4	6	14	3113	24
132	251	91	93	136	67	96	134	90	20	28	20	37	3603	24
-	-	-	-	-	1	1	-	-	3	-	-	-	59	10
13	14	2	5	3	13	10	12	18	15	11	-	4	325	23
-	-	-	-	-	2	-	-	1	1-	3	-	7	4	-
-	4	3	-	5	6	1	-	1	6	-	-	-	44	14
-	1	2	4	3	15	3	3	17	4	-	-	2	84	18
5	4	4	25	2	8	6	5	2	-	-	-	2	112	20
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-

Table 1. Statewide Bird Count, May 12, 1990

Species	Garr.	Alle.	Wash.	Fred.	Carr.	D.C.	Mont.	Howa.	Balt.	Harf.	Cecil.
Common Nighthawk	-	6	1	2	-	3	1	2	3	-	-
Chuck-will's-widow	-	-	-	-	-	-	-	-	1	-	-
Whip-poor-will	-	7	4	-	4	-	1	-	2	6	5
Chimney Swift	24	96	311	169	121	91	707	234	2148	122	74
Ruby-throated Hummingbird	10	14	6	9	9	1	21	13	16	15	6
Belted Kingfisher	8	4	12	6	4	1	6	9	17	4	3
Red-headed Woodpecker	4	-	1	3	3	-	1	-	2	1	-
Red-bellied Woodpecker	5	35	87	69	60	18	119	168	177	87	46
Yellow-bellied Sapsucker -	-	-	-	-	-	1	-	-	-	-	-
Downy Woodpecker	24	22	43	37	27	7	56	51	64	12	11
Hairy Woodpecker	18	2	7	9	5	4	10	15	10	4	3
Northern Flicker	20	26	70	44	47	12	59	95	92	37	12
Pileated Woodpecker	6	23	25	10	7	2	31	15	17	3	3
Olive-sided Flycatcher	-	-	-	-	-	-	1	-	-	1	-
Eastern Wood-Pewee	8	15	17	27	18	5	69	48	59	18	5
Acadian Flycatcher	2	3	29	36	26	4	124	111	75	32	14
Alder Flycatcher	1	-	-	-	-	-	-	-	-	-	-
Willow Flycatcher	-	-	1	1	3	-	3	1	-	-	-
Least Flycatcher	9	3	-	-	-	-	15	5	-	1	-
Empidonax sp.	-	-	-	4	-	-	-	-	-	4	-
Eastern Phoebe	22	40	63	24	29	3	42	42	53	21	14
Great Crested Flycatcher	12	42	103	32	13	8	65	46	55	9	9
Eastern Kingbird	14	3	46	60	50	9	81	117	123	76	11
Horned Lark	2	-	2	2	2	-	-	-	-	2	1
Purple Martin	6	-	71	46	81	3	159	90	62	48	4
Tree Swallow	329	35	93	157	53	5	284	78	38	741	297
N. Rough-winged Swallow	56	74	114	90	37	33	221	40	183	29	21
Bank Swallow	97	21	42	24	12	39	48	5	35	54	-
Cliff Swallow	163	24	48	3	52	-	26	33	45	4	-
Barn Swallow	1614	830	466	892	350	68	587	423	838	641	223
Blue Jay	94	86	235	128	174	10	119	253	242	103	64
American Crow	193	171	401	291	180	67	452	383	679	212	57
Fish Crow	-	-	17	16	56	2	32	14	35	12	11
Crow sp.	-	-	-	-	178	-	19	198	56	40	29
Common Raven	2	1	3	2	-	-	-	-	-	-	-
Black-capped Chickadee	115	62	6	8	-	-	-	-	-	-	-
Carolina Chickadee	-	-	91	81	66	62	231	186	232	76	53
Tufted Titmouse	56	110	121	104	80	53	187	214	217	63	18
Red-breasted Nuthatch	5	1	1	1	-	1	2	-	3	-	1
White-breasted Nuthatch	31	17	32	21	14	12	26	29	46	1	6
Brown-headed Nuthatch	-	-	-	-	-	-	-	-	-	-	-
Brown Creeper	-	2	1	-	-	-	-	-	2	-	-
Carolina Wren	8	51	118	67	101	50	154	156	219	58	39
House Wren	35	13	83	75	58	13	130	74	121	11	5
Sedge Wren	-	-	-	-	-	-	-	-	1	-	-
Marsh Wren	-	-	-	-	-	-	-	-	18	2	5
Golden-crowned Kinglet	4	-	-	-	2	-	-	-	-	-	-
Ruby-crowned Kinglet	16	5	6	4	5	-	3	3	17	2	-
Blue-gray Gnatcatcher	28	89	76	43	51	21	153	113	102	46	21
Eastern Bluebird	48	58	100	43	44	-	21	105	107	61	6
Veery	6	1	3	5	3	33	27	33	77	6	1
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	1	-	-
Swainson's Thrush	1	-	2	6	-	24	16	20	53	-	5
Hermit Thrush	-	2	1	-	-	1	2	1	-	-	-
Wood Thrush	30	22	55	79	91	21	131	306	179	113	97
American Robin	449	273	526	503	689	52	333	591	852	290	561
Gray Catbird	120	92	165	255	328	68	402	588	620	157	59
Northern Mockingbird	1	32	71	111	124	20	102	163	177	128	28
Brown Thrasher	12	14	69	35	32	2	7	29	19	13	13
American Pipit	-	-	-	-	-	-	-	45	-	-	-

Table 1 (cont.). Statewide Bird Count, May 12, 1990

Pr.G.	Anne	Calv.	Chas.	St.M.	Kent	QuAn.	Caro.	Talb.	Dorc.	Wico.	Some.	Worc.	Total	Co's.
-	3	1	1	1	-	-	-	-	3	-	-	-	27	12
-	3	7	1	33	15	2	1	14	18	-	2	14	111	12
6	-	12	12	21	-	7	2	5	2	-	1	-	97	16
19	211	22	27	57	31	26	34	152	25	5	-	16	4722	23
4	20	16	5	14	12	12	13	6	3	4	9	6	244	24
2	10	4	3	2	1	5	2	3	1	-	2	1	110	23
-	1	6	4	3	1	-	-	2	6	4	1	-	43	16
26	55	20	57	37	23	51	46	52	10	13	-	23	1284	23
-	-	-	-	-	-	-	-	-	-	-	1	-	2	2
5	20	5	14	20	11	9	17	13	6	10	2	10	496	24
1	5	2	3	5	3	3	3	4	5	2	-	2	125	23
12	53	4	9	17	13	22	19	21	10	6	3	3	706	24
2	3	11	8	5	-	2	3	2	6	4	-	7	195	22
-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
8	10	10	18	13	28	30	18	46	10	14	6	17	517	24
5	30	29	33	23	8	11	28	14	2	12	3	23	677	24
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	9	5
-	-	2	-	-	1	2	3	-	-	3	-	-	44	10
-	-	-	-	2	-	-	-	-	-	-	-	-	10	0
5	11	2	7	15	6	11	16	7	-	3	-	8	444	22
3	35	5	23	15	26	40	51	72	25	35	13	32	769	24
35	53	19	17	59	24	52	29	30	20	5	14	14	961	24
-	-	20	2	1	50	24	7	16	8	2	-	2	143	16
56	13	63	49	64	144	86	158	91	45	20	5	27	1391	23
109	68	11	7	336	166	34	201	28	55	15	39	24	3203	24
2	35	6	13	9	3	26	6	8	-	2	-	3	1011	22
7	109	13	-	-	7	2	-	26	-	-	7	5	553	18
-	-	-	-	-	-	-	-	-	-	-	-	-	398	9
49	351	231	183	214	101	192	251	377	75	93	67	78	9194	24
23	181	43	32	90	79	60	72	70	10	33	16	24	2241	24
212	184	65	139	189	160	56	93	81	25	32	12	31	4365	24
8	74	28	6	20	113	42	74	63	15	2	31	5	676	22
-	65	-	-	107	-	30	-	1	-	-	1	134	858	0
-	-	-	-	-	-	-	-	-	-	-	-	-	8	4
-	-	-	-	-	-	-	-	-	-	-	-	-	191	4
26	103	44	83	138	107	54	46	63	5	39	4	31	1821	22
25	92	48	85	73	48	27	66	69	20	37	5	34	1852	24
-	-	-	-	-	-	-	-	-	-	-	-	-	15	8
3	13	1	16	-	4	4	2	1	1	2	-	3	285	22

Table 1. Statewide Bird Count, May 12, 1990

Species	Garr.	Alle.	Wash.	Fred.	Carr.	D.C.	Mont.	Howa.	Balt.	Harf.	Cecl.
Cedar Waxwing	7	18	55	19	12	10	239	54	10	14	22
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-
European Starling	238	218	658	818	972	150	657	1076	1684	706	476
White-eyed Vireo	5	10	4	8	24	7	53	147	83	57	33
Solitary Vireo	12	2	2	-	1	-	-	-	1	-	-
Yellow-throated Vireo	-	3	11	5	8	2	21	31	25	8	1
Warbling Vireo	-	4	78	20	6	2	22	6	11	15	6
Philadelphia Vireo	-	1	-	-	-	-	-	-	-	-	-
Red-eyed Vireo	51	172	136	95	126	62	261	360	337	108	42
Blue-winged Warbler	1	6	7	5	3	-	4	5	13	9	-
Golden-winged Warbler	14	7	2	-	-	-	-	-	1	-	-
Tennessee Warbler	2	3	2	9	1	1	5	5	8	-	-
Nashville Warbler	2	1	2	3	-	-	1	1	-	3	-
Northern Parula	10	8	8	17	22	9	121	76	81	15	17
Yellow Warbler	49	76	30	31	59	3	37	79	166	27	11
Chestnut-sided Warbler	42	7	7	2	4	4	12	42	11	3	1
Magnolia Warbler	35	7	4	5	4	4	11	25	33	5	2
Cape May Warbler	3	2	4	11	-	-	1	6	18	-	1
Blk.-thr'd. Blue Warbler	7	-	6	19	10	13	22	35	92	5	1
Yel.-rump.(Myrtle)Warbler	104	35	41	12	23	18	89	76	207	268	16
Blk.-thr't.d. Green Warbler	15	7	1	12	7	5	8	22	46	3	1
Blackburnian Warbler	12	-	-	4	-	1	2	2	1	2	3
Yellow-throated Warbler	-	2	5	-	1	3	29	9	6	-	-
Pine Warbler	-	24	6	1	1	-	8	10	6	1	2
Prairie Warbler	6	15	8	1	6	-	30	25	28	37	4
Palm Warbler	-	1	1	-	1	-	-	-	-	-	-
Bay-breasted Warbler	6	3	2	2	-	4	-	5	3	-	-
Blackpoll Warbler	-	1	2	6	3	4	19	7	13	2	-
Cerulean Warbler	3	11	2	6	9	-	14	5	12	8	1
Black-and-white Warbler 15	3	2	4	8	3	16	28	34	11	5	-
American Redstart	19	29	20	18	22	14	52	85	139	25	6
Prothonotary Warbler	3	-	8	4	-	1	41	1	10	1	1
Worm-eating Warbler	1	6	11	2	11	1	3	11	13	3	2
Ovenbird	31	6	14	20	19	13	51	162	104	23	18
Northern Waterthrush	10	3	7	4	-	-	21	5	15	2	1
Louisiana Waterthrush	7	8	17	8	11	-	21	26	16	6	1
Kentucky Warbler	-	-	1	8	11	1	10	56	24	19	3
Mourning Warbler	1	-	-	-	-	-	1	1	-	-	-
Common Yellowthroat	139	78	29	37	74	24	104	239	293	85	85
Hooded Warbler	7	10	3	2	3	-	2	49	17	-	-
Wilson's Warbler	1	-	-	-	5	-	6	5	5	3	1
Canada Warbler	6	2	-	1	1	2	11	20	31	5	-
Yellow-breasted Chat	2	17	14	-	4	-	16	48	15	20	17
Summer Tanager	-	-	-	-	-	-	2	-	-	-	-
Scarlet Tanager	53	48	44	27	14	12	59	112	131	37	14
Northern Cardinal	68	225	336	229	220	83	385	485	480	255	90
Rose-breasted Grosbeak	71	5	1	5	5	3	10	16	33	3	1
Blue Grosbeak	-	1	4	-	-	-	2	5	7	14	2
Indigo Bunting	103	214	143	110	37	5	143	196	150	85	67
Rufous-sided Towhee	146	80	74	55	39	14	90	159	147	43	50
Chipping Sparrow	246	165	94	36	53	8	50	91	105	48	35
Field Sparrow	41	65	62	46	37	-	61	147	49	14	22
Vesper Sparrow	1	-	6	1	3	-	2	1	-	-	-
Savannah Sparrow	9	2	3	-	1	-	1	8	6	2	-
Grasshopper Sparrow	7	4	11	13	11	-	6	11	5	1	1
Henslow's Sparrow	2	-	-	-	-	-	-	1	-	-	-
Sharp-tailed Sparrow	-	-	-	-	-	-	-	-	-	-	-
Seaside Sparrow	-	-	-	-	-	-	-	-	2	-	-
Song Sparrow	183	77	93	121	157	34	96	149	240	50	51
Lincoln's Sparrow	-	1	-	-	-	-	-	2	-	1	-

Pr.G.	Anne	Calv.	Chas.	St.M.	Kent	QuAn.	Caro.	Talb.	Dorc.	Wico.	Some.	Worc.	Total	Co's.
27	125	2	113	5	5	17	-	9	-	-	-	-	763	19
341	1	-	-	-	-	-	-	-	-	-	-	-	1	1
24	449	140	247	495	206	419	476	283	70	120	58	147	11104	24
1	69	41	52	57	36	21	19	16	15	30	2	23	836	24
	2	-	-	-	2	-	-	-	-	-	-	-	23	8
2	7	1	11	2	11	4	7	4	3	5	-	3	175	22
-	2	1	-	-	1	-	-	-	-	-	-	-	174	13
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
47	218	172	145	112	67	45	93	69	15	42	6	34	2815	24
1	3	1	-	-	1	-	-	4	-	-	-	-	63	14
-	2	-	-	1	-	-	-	-	-	-	-	-	27	6
-	4	-	-	-	1	-	-	-	-	-	-	-	41	11
-	-	1	-	-	-	-	-	-	-	-	-	-	14	8
9	64	55	73	35	8	3	8	18	4	14	-	17	692	23
12	35	3	29	2	89	14	6	22	7	1	9	-	797	23
3	11	4	5	3	4	-	-	2	-	1	-	1	169	20
4	23	5	1	4	17	-	1	10	-	1	-	-	201	20
1	2	-	-	2	4	-	2	1	-	1	-	-	59	15
3	34	7	3	13	6	1	2	11	2	5	-	2	299	22
20	85	5	21	21	93	17	9	20	10	4	1	11	1206	24
1	17	2	1	6	8	-	-	6	-	-	-	-	168	18
-	5	-	2	-	8	-	1	1	-	-	-	-	44	13
-	1	7	5	14	2	-	-	4	4	6	-	12	110	16
-	6	11	20	39	7	4	6	30	40	30	4	27	283	21
18	18	6	30	56	8	5	5	5	2	10	4	24	351	23
-	2	-	1	-	-	-	-	1	-	-	-	-	7	6
-	3	-	1	-	4	-	-	3	-	-	-	-	36	11
4	28	7	8	2	2	-	-	15	-	5	-	3	131	18
-	2	-	-	-	-	-	-	-	-	1	-	-	74	12
7	35	10	12	18	22	3	9	19	8	10	-	10	292	23
25	53	20	19	16	32	1	5	44	1	2	-	22	669	23
1	7	3	13	2	13	11	31	2	10	22	-	60	245	21
-	7	1	-	5	4	-	-	8	2	7	2	7	107	20
21	45	28	45	48	29	16	20	44	10	31	8	45	851	24
1	8	5	4	1	2	-	-	2	1	-	-	-	92	17
-	3	1	8	9	1	1	5	4	-	4	-	3	160	20
2	6	18	30	6	8	2	5	10	-	8	-	8	236	20
-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
34	169	45	47	92	120	92	34	91	40	29	14	40	2034	24
7	17	25	39	5	-	-	-	1	-	-	-	2	189	15
-	4	-	-	-	2	-	-	1	-	-	-	-	33	10
1	18	2	-	-	4	-	-	-	-	2	-	-	106	14
11	30	17	21	41	6	9	6	14	5	19	5	10	347	22
1	-	10	4	17	-	-	3	13	10	14	1	2	77	11
14	46	18	40	26	33	21	22	33	7	9	-	13	833	23
73	262	99	94	202	169	164	70	121	20	45	28	31	4234	24
1	6	5	3	-	3	5	4	15	1	-	-	2	198	21
6	19	16	9	52	19	37	32	29	9	10	-	8	281	19
31	67	39	100	101	86	100	41	91	12	37	7	22	1987	24
25	65	22	61	67	33	37	21	26	10	11	2	25	1302	24
34	76	40	45	109	39	70	58	87	15	24	14	21	1563	24
24	28	15	15	24	17	60	22	23	3	16	-	3	794	22
-	-	-	-	-	1	-	-	-	-	-	-	-	15	7
-	-	5	-	5	3	1	-	1	1	-	-	-	48	14
1	8	8	13	30	10	35	12	7	2	3	-	-	199	21
-	-	-	-	-	-	-	-	-	-	-	-	-	3	2
-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
-	1	5	-	-	-	-	-	-	35	2	29	4	78	7
31	46	12	27	26	49	37	10	17	4	4	6	31	1551	24
-	-	-	-	-	-	-	-	-	-	-	-	-	4	4

Table 1. Statewide Bird Count, May 12, 1990

Species	Garr.	Alle.	Wash.	Fred.	Carr.	D.C.	Mont.	Howa.	Balt.	Harf.	Cekl.
Swamp Sparrow	46	1	4	2	3	1	4	6	23	2	-
White-throated Sparrow	15	10	4	12	2	24	15	27	83	15	5
White-crowned Sparrow	8	2	2	1	3	-	3	3	2	7	-
Dark-eyed Junco	7	-	-	-	-	-	-	-	-	-	-
Bobolink	73	25	6	168	95	4	191	610	588	281	-
Red-winged Blackbird	450	227	191	379	375	66	256	505	855	314	619
Eastern Meadowlark	25	39	56	84	44	-	46	25	10	31	25
Rusty Blackbird	1	-	-	-	-	-	3	-	-	-	-
Boat-tailed Grackle	-	-	-	-	-	-	-	-	1	-	-
Common Grackle	313	163	741	933	931	26	610	676	768	511	281
Brown-headed Cowbird	56	68	105	113	97	19	150	162	199	152	44
Orchard Oriole	-	13	9	7	5	5	47	30	31	25	20
N. (Baltimore) Oriole	39	63	135	62	39	11	86	64	114	65	21
Purple Finch	11	-	22	-	-	-	1	-	-	-	-
House Finch	89	72	333	163	175	75	322	371	558	130	61
Pine Siskin	239	6	21	-	1	-	1	3	4	1	-
American Goldfinch	157	243	368	430	307	87	434	410	444	267	68
Evening Grosbeak	-	4	-	-	-	-	-	-	-	-	-
House Sparrow	94	79	218	298	267	186	153	161	505	92	39
Total individuals	7712	5941	9142	9359	8666	2580	12037	13998	22045	8745	5697
Total species	145	138	141	137	129	107	153	148	182	144	131
Observers	17	15	27	21	14	6	40	49	65	31	9
Parties	11	8	15	12	11	4	24	21	30	10	4
Party-miles:											
Foot	30.0	31.0	31.3	29.0	31.0	16.0	87.1	125.0	133.0	24.5	11.5
Car	610.0	299.0	336.8	360.0	150.0	32.0	102.0	288.0	241.0	291.0	345.0
Boat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	22.0	0.0
Other	0.0	0.0	13.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
Total miles	640.0	330.0	381.1	389.0	193.0	48.0	189.1	413.0	378.0	337.5	356.5
Party-hours:											
Foot	36.0	27.0	49.6	51.0	47.0	26.0	110.5	153.5	168.8	38.2	16.0
Car	55.8	100.0	34.3	32.0	17.0	2.0	10.8	19.0	36.0	30.5	30.0
Boat	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.0	5.0	0.0
Other	0.0	0.0	4.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0
Feeder watch	6.0	1.0	10.0	6.0	3.0	0.0	7.0	0.0	9.3	17.0	1.0
Total hours	97.8	128.0	97.8	89.0	75.0	28.0	128.3	172.5	218.0	92.7	47.0
Hours owling	2.5	2.0	3.0	2.0	?	1.0	0.5	3.5	2.3	9.3	10.0
Miles owling	2.0	5.0	1.0	1.0	?	0.0	0.5	0.0	5.0	48.0	29.0
Time at start	0030	0445	0400	0500	0330	0430	0430	0400	0500	0315	0000
Time at end	2130	2000	2100	1930	2100	1730	1930	2030	2245	1935	2300
Temperature:											
Pre-dawn	38	33	39	40	39	50	?	40	40	45	44
Dawn	42	41	43	40	?	50	50	45	45	48	?
Noon	48	50	57	60	?	65	60	55	60	65	65
Sunset	54	58	?	55	65	65	62	65	55	60	?
Night	48	58	?	?	?	?	?	?	55	?	?
Wind:											
Pre-dawn	0	0	5	0	0	?	?	0	0	0	0
Dawn	5	0	to	0	5	?	2	0	0	0	0
Noon	5	0	10	10	10	?	5	15	ESE 10	10	5
Sunset	5	0	all	10	15	?	10	25	ESE 10	?	5
Night	5	0	day	?	10	?	?	?	ESE 10	?	5
Percent (%)											
Clouds:											
Pre-dawn	100	100	90	10	10	100	?	0	0	0	20
Dawn	100	100	90	10	10	100	75	0	20	0	25
Noon	100	100	100	100	100	50	95	75	100	100	80
Sunset	100	100	100	100	100	25	100	75	100	100	100
Night	75	100	100	?	?	?	?	75	95	?	100
Precipitation:											
Pre-dawn	0	0	0	0	0	0	0	0	0	0	0
Dawn	shwrs.	0	0	0	0	0	trace	0	0	0	0
Noon	rain	light	light	light	light	0	trace	shwrs.	shwrs.	0	0
Sunset	shwrs.	light	light	light	light	0	trace	shwrs.	shwrs.	0	0
Night	shwrs.	shwrs.	rain	?	?	0	0	?	shwrs.	?	0

Table 1 (cont.). Statewide Bird Count, May 12, 1990

Pr.G.	Anne	Calv.	Chas.	St.M.	Kent	QuAn.	Caro.	Talb.	Dorc.	Wico.	Some.	Worc.	Total	Co's.
3	3	4	2	4	1	-	-	-	1	-	-	1	111	18
40	10	8	14	4	8	2	1	28	-	1	-	-	328	21
2	3	-	-	-	3	-	-	-	-	-	-	-	39	12
1	-	-	-	-	-	-	2	-	-	-	-	-	10	3
12	169	78	1	210	1	95	-	26	6	1	-	-	2640	20
241	310	59	228	436	774	465	615	694	575	130	192	123	9079	24
1	12	12	5	36	7	42	3	12	6	2	8	17	548	23
-	-	-	-	-	-	-	-	-	-	-	-	-	4	2
-	-	-	-	5	-	-	-	-	3	19	26	104	158	6
137	538	398	309	610	521	1141	1061	895	500	225	155	311	12754	24
25	88	42	44	133	27	50	7	90	50	30	28	61	1840	24
14	27	19	20	24	29	33	98	14	40	15	23	3	551	23
5	6	3	4	4	27	25	22	11	2	2	-	1	811	23
-	-	-	-	2	-	-	-	-	-	-	-	-	36	4
75	263	123	41	113	57	78	31	30	6	16	8	19	3209	24
-	1	1	3	1	-	-	-	-	-	-	-	-	282	12
32	109	102	24	143	104	81	47	98	20	33	35	53	4096	24
-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
62	118	62	100	219	85	98	206	39	10	36	39	33	3199	24
3105	8810	3828	4624	7863	7085	6500	6127	7772	5430	2657	3360	6926	180009	
121	154	154	132	145	157	134	122	150	149	119	104	146	255	
13	26	15	9	14	6	14	22	6	2	9	9	12	451	
7	10	9	5	10	4	7	13	6	1	5	4	7	238	
14.0	16.5	26.0	27.0	42.3	8.5	20.5	15.0	14.7	2.0	10.0	5.0	-5.0	785.8	
45.0	210.0	107.0	248.0	298.0	239.0	423.8	232.0	164.0	100.0	119.0	96.0	294.0	5630.6	
0.0	14.5	0.0	0.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0	5.0	0.0	85.5	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
59.0	271.0	133.0	275.0	340.3	247.5	449.3	257.0	203.7	102.0	129.0	106.0	299.0	6526.9	
33.0	82.5	53.0	29.5	50.0	10.0	19.5	26.0	16.1	8.0	12.0	12.0	7.0	1082.1	
5.0	20.8	3.3	17.8	27.5	25.0	34.5	23.0	9.9	4.5	14.0	8.0	36.0	596.5	
0.0	7.0	0.0	0.0	0.0	0.0	4.0	6.0	6.0	0.0	0.0	2.0	0.0	40.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	11.5	
4.0	25.0	7.0	2.5	1.3	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	117.1	
42.0	135.3	63.3	49.8	78.8	35.0	58.0	72.0	35.5	12.5	26.0	22.0	43.0	1772.2	
2.0	4.5	3.5	4.8	6.5	2.5	3.2	1.0	2.1	5.0	0.0	0.0	0.0	71.4	
3.0	8.5	53.0	43.0	44.3	40.0	3.3	0.0	31.0	55.0	0.0	0.0	0.0	372.5	
0530	0330	0230	0330	0300	0300	0215	0500	?	0000	0600	0530	0330	0000	
2000	2200	1800	1930	2000	1830	1900	2100	?	1715	1900	2100	1730	2300	
42	45	42	45	52	46	50	40	?	45	?	?	?	33/52	
45	50	44	45	55	40	55	45	43	45	50	60	50	40/60	
55	58	65	62	75	60	60	60	48	70	58	75	65	48/75	
60	63	61	62	70	58	58	55	61	?	50	70	?	54/70	
?	?	57	?	?	?	?	50	?	?	?	?	?	48/58	
0	?	0	0	5	NE 5	0	0	?	Lt.Var	0	?	?	?	
10	E 10	ESE 10	0	to	NE 15	5	0	SW 2	Lt.Var	E 10	?	NE 15	?	
10	E 15	ESE 15	SW 15	20	NE 15	15	SE 15	SW 18	ESE 25	E 10	?	NE 15	?	
10	SE 15	ESE 20	0	VAR	NE 15	15	VAR	SW 20	SE 10	?	?	?	?	
10	?	ESE 20	?	?	?	?	0	?	?	?	?	?	?	
90	?	0	0	10	10	10	0	?	0	0	0	0	0	
100	30	5	0	20	10	50	10	5	0	50	0	0	5	
100	100	100	90	100	60	75	50	100	40	50	50	90	90	
100	70	100	90	80	100	100	50	100	95	100	0	20	20	
100	?	100	?	?	100	?	50	?	?	?	?	?	?	
0	0	0	0	0	tr.	0	0	0	?	0	0	0	0	
0	0	0	0	tr.	0	0	0	0	0	0	0	0	0	
0	lt.	tr.	lt.	tr.	0	lt.	0	0	0	0	0	0	0	
shwrs	0	tr.	0	tr.	tr.	shwrs	0	0	shwrs	shwrs	0	0	0	
0	0	0	?	tr.	tr.	0	0	?	?	?	0	0	0	

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THE SEASON

WINTER, December 1, 1989–February 28, 1990

ROBERT F. RINGLER

Weather extremes dominated the winter season: Exceptional cold blasted through the state in December; then, remarkably warm weather ushered in the new year and continued through the period. Little snow fell and most of that was in December. Most of Chesapeake Bay froze over solid before the end of December, concentrating waterfowl in available open water. Nevertheless, most species of ducks returned earlier than usual by taking advantage of the rapid dissipation of the ice in January when the temperature soared well above normal. Christmas Bird Counts were carried out in severe conditions but some landbirds were concentrated along roadways making counting easy.

Midwinter bird counts continue to add to our knowledge of avian distribution. Experimental counts were done in Worcester, Somerset, and Kent Counties in addition to those previously established. It is hoped that other counties can be added in the near future.

The exotic bird of the season was a **Rhea** seen by Reese in a field near Neavitt on January 24. The bird was roaming freely from the collection of a local bird fancier.

Abbreviations: The Bay - Chesapeake Bay, CBC - Christmas Bird Count, DC - District of Columbia, NWR - National Wildlife Refuge, PNAS - Patuxent River Naval Air Station, PWRC - Patuxent Wildlife Research Center, SP - State Park, UMCF - University of Maryland Central Farm, WMA - Wildlife Management Area.

Locations (county in parentheses): Alpha Ridge Landfill (Howard), Assateague Island (Worcester), Back River (Baltimore), Bellevue (Talbot), Beulah (Dorchester), Black Hill Reservoir (Montgomery), Blackwater NWR (Dorchester), Bradenbaugh (Harford), Bray Hill (Garrett), Brighton Dam (Howard/Montgomery), Broadford Reservoir (Garrett), Bushwood Wharf (St. Mary's), Centennial Lake (Howard), Conowingo Dam (Harford unless noted otherwise), Deal Island WMA (Somerset), Deep Creek Lake (Garrett), Eastern Landfill (Baltimore), East Potomac Park (DC), Elk Neck SP (Cecil), Elms WMA (St. Mary's), Fort McHenry (Baltimore City), Georgetown Reservoir (DC), Greenbury Point (Anne Arundel), Green Ridge State Forest (Allegany), Herrington Manor SP (Garrett), Hodges Bar (Kent), Hooper Island (Dorchester), Hughes Hollow (Montgomery), Huntingfield (Kent), Irish Grove Sanctuary (Somerset), Jug Bay (Anne Arundel), Lake Elkhorn (Howard), Lake Kittamaquundi (Howard), Langmaid Road (Worcester), Loch Raven (Baltimore), Love Point (Queen Anne's), Mason Landing (Worcester), Masonville (Baltimore City), Merkle Wildlife Sanctuary (Prince George's), New Design Road (Frederick), Piney Run Park (Carroll), PNAS (St. Mary's), PWRC (Prince George's), Remington Farms WMA (Kent), Rocky Gap SP (Allegany), Rodo Beach (St. Mary's), Sandy Point SP (Anne Arundel), Schooley Mill Park (Howard), Susquehanna SP (Harford), Swan Point (Kent), Sycamore Landing (Montgomery), Triadelphia Reservoir (Howard unless noted otherwise), Trout Run Sewage Treatment Plant (Garrett), UMCF (Howard), Violet's Lock (Montgomery).

Observers: Roger Anderson, Henry Armistead, Scott Atkinson, Dan Audet, Polly Batchelder, Chris Beaton, John Bjerke, Rick Blom, Larry Bonham, Bob & Jim Boxwell, Dave Brinker, Carol & Don Broderick, Martha Chestem, David Czaplak, Lynn Davidson, Sam Droege (reporting for PWRC), Les Eastman, Ethel Engle, Jane Farrell, Jerry & Roberta Fletcher (reporting for Caroline Co.), Harold Fogleman, Cora Fulton, Geri Garvin, Carol Gheblian, Jim & Patricia Gruber, Doug Hackman, Wilbur Hersherberger, Marvin Hewitt, Robert Hilton, Marshall Iliff, Kye Jenkins, George Jett, Ray Kiddy, Dennis Kirkwood, Ellen Lawler, Nancy Magnusson, Kathy Mariano, Carol & Lee McCullough, Stauffer Miller, Dotty Mumford, Mariana Nuttle, Holly Obrecht, Michael & Paul O'Brien, Betty Pitney (reporting for Wicomico Bird Club), Fran Pope, Nick Powell, Kyle Rambo, Jan Reese, David Reinhold, Sue Ricciardi, Gene Scarpulla, William Scudder, Steve Simon, Teresa Simons, Connie Skipper, Chris & Eddie Slaughter, Jo Solem (reporting for Howard Co.), Jared Sparks, Eleanor Standaert, Jim Stasz, Chris Swarth, Charles Swift, Hank Taliaferro, Mary Twigg, Charles Vaughn, Dave Walbeck, Robert Warfield, Pete Webb (reporting for Baltimore Bird Club field trips), Hal Wierenga, Jim Wilkinson.

Loons, Grebes. The only **Red-throated Loons** reported on the Bay after the CBCs were 2 at Point Lookout on Feb. 11 (J. Boxwell) and 1 at Sandy Point on Feb. 17 (Karen Skuldt +). **Common Loons**, always scarce during midwinter, were seen in the Bay region as follows: 3 at Point Lookout on Jan. 27 (J. Boxwell), 3 at Swan Point on Jan. 30 and 7 on Feb. 8 (Grubers), 1 at PNAS on Feb. 14 (Reinhold), and 1 in Baltimore Harbor on Feb. 25 (Webb +). We know little of the movements of loons in these months. **Horned Grebes** staged in large flocks unusually early as a result of the rapid thaw. Largest concentrations were 35 off Rock Point on Jan. 22-27 (Jett), 60 at Huntingfield and 80 at Hodges Bar on Jan. 30 (Grubers), 15 at Greenberry Point on Feb. 3 (Iliff +), 250 at Swan Point on Feb. 15 and 250 at Hodges Bar on Feb. 19 (Grubers), 45 at PNAS on Feb. 21 (Reinhold), and 150 at Huntingfield on Feb. 21 (Grubers). Inland, Horned Grebes appeared equally early with 2 at Brighton Dam on Jan. 31 (Chestem), 1 at Rocky Gap on Feb. 5 and 5 there on the 26th (Twigg), 1 at Loch Raven on Feb. 7 (Simon), and 1 on Broadford Reservoir on Feb. 8 (Pope). Single **Red-necked Grebes** were on Back River on Jan. 14 (Ricciardi, Mumford +), at Annapolis on Feb. 9 (Iliff), and at Hodges Bar on Feb. 19 (Grubers). The **Eared Grebe** reported in the fall at Sandy Point remained through Dec. 13 (Al Haury +).

Gannets, Pelican, Cormorants. The Worcester midwinter count tallied 86 **Northern Gannets** offshore on Jan. 27. A remarkable sighting of a **Brown Pelican** at The Elms WMA was made on Dec. 30 (Brad Dorf). **Great Cormorants** included 2 at Sandy Point on Dec. 2 (Anderson), 4 immatures at Ocean City on Dec. 27 (Ringler), 3 immatures at Hooper Island on Dec. 27 (M. O'Brien) and at least 1 through Jan. 28 (Armistead, Sparks), 1 at Cambridge on Jan. 15 (Czaplak), and 4 at Point Lookout on Jan. 27 (J. Boxwell). **Double-crested Cormorants** again remained late into the season, and some birds moved back into this area after the January thaw. This year's reports included 1 at Conowingo through Dec. 3 (Swift, Scarpulla), an immature in DC on Dec. 30 (Czaplak), 15 at Rock Point on Jan. 22 (Jeff), 2 adults at Crisfield (Ringler) and 4 near Deal Island (Blom) on Jan. 28, 1 in Baltimore on Feb. 1 (Wilkinson) and 4 in Baltimore harbor on Feb. 25 (Walbeck +), 22 in Charles County on Feb. 8 (Gheblian), 1 at Tolchester on Feb. 7 (Garvin, Powell), and 12 at Point Lookout on Feb. 17 (Jett).

Hérons. Most heron species were frozen out for the winter. **American Bitterns** were almost unreported after the CBCs with the most remarkable exception being 1 at Dorsey Hall in Howard County on Feb. 18-19 (Bonnie Ott, Dawn Parker +). Typical wintering flocks of **Great Blue Herons** included 100 at Conowingo on Dec.

10-16 (Eastman) and 19 in DC on Jan. 20 (Czaplak); possible spring migrants were a flock of 5 flying north at St. Michaels on Feb. 9 (Reese) and 25 near the Federalsburg colony on Feb. 13 (Inez Glime). A remarkably hardy **Tricolored Heron** was found at Deal Island WMA on Jan. 27 (Vaughn +) and Feb. 3 (Davidson, Wierenga). Wintering **Black-crowned Night-Herons** numbered 17 at Conowingo on Dec. 2 (Ringler) and 12 there on Jan. 13 (Swift), 7 at Masonville on Jan. 20 (Walbeck), 2 adults at West Ocean City on Jan. 27 (Ringler), and 63 in the roost at Deal Island WMA on Feb. 3 (Davidson, Wierenga).

Exotic Waterfowl. In this group we have a **Black Swan** at Deal Island WMA on Jan. 28 (Blom), the **Falcated Teal** that returned to Piney Run on Jan. 5-21 (Hackman), and 4 **Red-crested Pochards** that remained on Deep Creek Lake through Dec. 14 when the lake froze (Skipper).

Swans. The last fall migrant **Tundra Swans** reported were 2 flying southeast at Spring Gap on Dec. 24 (Kiddy). The January thaw brought some movement of swans with reports of 78 at Rising Sun on the 28th (Fogleman), 108 off Bushwood Wharf on the 29th (B. Boxwell), and 21 along New Design Road on the 29th (Hershberger). The 750 near Rock Point on Feb. 10 (Jett) may have been preparing for migration, and the 400 flying north up the Bay on Feb. 21 and 500 flying north over Chestertown the next day (Grubers) were on their way. **Mute Swans** are showing definite signs of spreading, particularly on the Western Shore. Interesting reports were of 4 at Denton on Dec. 16 (Nuttie), 1 adult in DC on Dec. 30-31 (Czaplak), 17 in eastern Baltimore County on Jan. 7 (Webb), 2 at Dowell in Calvert County on Jan. 11 (Walbeck), 2 at North Beach on Jan. 13 (Stasz, Ringler), 14 in Chincoteague Bay on Jan. 27 (Blom), 2 at Deal Island WMA on Jan. 28 (Blom), 5 at St. George Island on Feb. 19 (P. O'Brien), 2 on Goose Creek at PNAS on Feb. 25-28 (Reinhold), and 2 at Rodo Beach all season (J. Boxwell). This species' new stronghold remains Hooper Island, where Armistead and Sparks estimated 260 on Jan. 28.

Geese. **Greater White-fronted Geese** were widely reported with 1 at Gaithersburg through Jan. 21 (Scott Cohen, Czaplak), 1 near Madonna from Dec. 21 through Feb. 18 (Kirkwood), 1 at Blackwater on Dec. 23-Jan. 12 (Czaplak +) and 6 there on Jan. 9 (Bev Leeuwenburg), 5 on Chancellor Point Road in Talbot County on Jan. 10 (Jeff Chynoweth), and 1 in Kent County on Feb. 10 (Grubers). Inland **Snow Geese** were a blue at Fulton from Dec. 3 through the winter (Magnusson +), 1 at Frederick on Dec. 10 (Miller), 1 adult at Madonna on Jan. 10 (Kirkwood), and an impressive 750, including 2 blues, at Rising Sun on Feb. 17 and later (Fogleman). Large flocks of Snows were 7000, including 4 blues, at Greensboro on Jan. 2 (Fletchers), 22,000, including 150 blues at Hope on Jan. 10 (Grubers), Blackwater highs of 1100 white Snows on Jan. 28 and 750 blues on Feb. 25 (Armistead +), and 25,000 at Ruthsburg on Feb. 20 (Grubers). Also notable were 6 Snows at PNAS on Dec. 28 (Reinhold), 5 at Dameron on Jan. 13 (J. Boxwell), and a blue at Merkle on Feb. 11 (Webb +). The **Ross' Goose** that was found at Blackwater during the fall remained through Feb. 19 (many observers). **Brant** along the Chesapeake Bay shore were 3 at Sandy Point on Dec. 2 (Anderson), 5 at Point Lookout on Dec. 26 (J. Boxwell), 1 at Blackwater on Jan. 18-28 (Dave Carr +), and 4 at Hooper Island on Jan. 28 (Armistead, Sparks). Wintering concentrations of **Canada Geese** included 2000 at Jug Bay on Dec. 28 (Swarth), 750 at Piney Run on Jan. 15 (Ringler), 1800 at Loch Raven on Jan. 17 (Simon), 341 at PWRRC on Jan. 18 (Obrecht) and 1700 off Bushwood Wharf on Feb. 6 (B. Boxwell). Early migrants included 100 at Rocky Gap on Feb. 15 (Twigg) and 2000 flying north over Chestertown on Feb. 22 (Grubers).

Puddle Ducks. The early thaw induced **Wood Ducks** to return to the state earlier than usual. Some of the February sightings of Woodies were 2 at Jug Bay on the 3rd (Swarth), 2 at Greenbury Point on the 3rd (Iliff +), 2 at Loch Raven on the 9th (Simon), 4 at PWRC on the 9th (Obrecht), 1 at Pinto Marsh on the 9th (Simons), and 20 at Jug Bay on the 16th (Mumford, Beaton). Similarly, **Green-winged Teal** appeared in February with 2 at PWRC on the 9th (Obrecht), 2 on Deep Creek Lake on the 10th (Pope), and 100 at Jug Bay on the 16th (Mumford, Beaton). High counts of **American Black Ducks** for the season were 200 at Susquehanna SP on Jan. 14 (Eastman), 350 at Piney Run on Jan. 5-15 (Hackman, Ringler), 300 at Jug Bay on Feb. 6-16 (Mumford +), and 123 at Hodges Bar on Feb. 19 (Grubers). Highs for **Mallards** were 325 at Deep Creek Lake on Dec. 14 before the lake froze (Skipper), 800 in a marsh along the Wicomico River near Pemberton Park in Salisbury on Jan. 10 (Lawler), 700 at Loch Raven on Jan. 10 (Jenkins), and 600 at Piney Run on Jan. 15 (Ringler). Numbers of **Northern Pintail** increased from 45 at Blackwater on Jan. 28 to 780 there on Feb. 25 (Armistead +) and at Remington Farms from 7 on Feb. 3 to 123 on Feb. 17 (Grubers) while 2 reached Herrington Manor on Feb. 8 (Pope) and 44 were in DC on Feb. 10 (Czaplak). Unseasonal **Blue-winged Teal** were 4 at PNAS on Jan. 3 and 2 there on Feb. 7 (Reinhold), 4 at Deal Island WMA on Jan. 20 (Batchelder, Pitney), and 1 drake at West Ocean City on Feb. 18 (Mumford +). Highs for **Gadwall** were 44 in DC on Dec. 30 (Czaplak) and 80 at Piscataway on Feb. 18 (Gheblian, Fulton). **American Wigeon** numbered 138 at Loch Raven on Dec. 10 (Simon), 800 at Deal Island WMA on Jan. 28 (Blom), and 38 at Rodo Beach on Feb. 24 (J. Boxwell).

Aythya Ducks. High counts of **Canvasbacks** were 3000 on Back River and 500 at Fort Howard on Jan. 20 (Ringler), 800 at West Ocean City on Jan. 27 (Ringler), 1500 in the Bozman-Neavitt area on Jan. 27 (Reese), 750 at Hooper Island on Jan. 28 (Armsitead, Sparks), 300 at Tolchester on Feb. 2 (Powell), 854 off Bushwood Wharf on Feb. 18 (B. Boxwell), and 420 at Cambridge on Feb. 19 (Czaplak); 1 had reached Broadford Reservoir on Jan. 30 (Pope) and 14 were at Lake Elkhorn on Feb. 24 (Mariano). Once again **Redheads** were scarce with 1 at Cambridge on Dec. 25 (Czaplak), 2 females at Arundel-on-the-Bay on Dec. 31 (Ringler), 1 female at Sandy Point on Jan. 1 (Davidson, Wierenga), 4 at West Ocean City on Jan. 2 (Slaughters), an impressive 23 at Loch Raven on Jan. 27 (Simon), 2 at Deal Island on Jan. 28 (Blom), 3 at Greenbury Point on Feb. 3 (Mumford), 1 female banded at PNAS on Feb. 6-10 (Rambo, Reinhold), and 1 at Black Hill Reservoir on Feb. 24 (P. O'Brien). On Dec. 13, before the freeze, there were 92 **Ring-necked Ducks** at Loch Raven (Simon) and 120 at Salisbury (Lawler). After the thaw high counts of Ring-necks were 200 at Black Hill Reservoir on Jan. 21 (P. O'Brien), 328 at PWRC on Feb. 16 (Obrecht), and 200 at Denton on Feb. 28 (Hewitt). Rare but regular on the Potomac in small numbers, **Greater Scaup** totaled 6 in DC on Dec. 2 and Dec. 30 (Czaplak) and 7 at Sycamore Landing on Jan. 18 (Bonham). At this species' usual concentration points in the northern part of the Bay there were 1000 Greaters at Swan Point on Dec. 6 with 2500 **Lesser Scaup** and 5000 at Hodges Bar on Feb. 19 with 15,000 Lessers (Grubers).

Eiders, Harlequin Ducks, Oldsquaws. A **Common Eider** was first reported at Ocean City on Dec. 27 (M. O'Brien) and was seen intermittently through Feb. 25. Two **King Eiders** were at Ocean City on Dec. 27 (Ringler), 6 on Jan. 1 (Reese), and 1 remained through Feb. 18. It was an unusual season for **Harlequin Ducks** with 3 in the Bay region: a female, at North Beach on Dec. 10-17 (Stasz +), followed by a male at PNAS from Dec. 25 through Feb. 14 (Rambo, Reinhold), and a female at Conowingo from Dec. 29 through Jan. 3 (Webb +); the latter bird also was seen downriver at Lapidum on Jan. 1 (Eastman, Fogleman). At Ocean City there were 6 Harlequins on Feb. 18

(P. O'Brien) and 1 remained on Feb. 22 (Bonham). Inland reports of **Oldsquaws** this winter were 9 on Deep Creek Lake on Dec. 9 (Pope), 2 at Conowingo from Dec. 28 through Jan. 2 (Kirkwood +), 19 in DC on Jan. 6 (Czaplak), 3 on Lake Kittamaquundi on Jan. 28 (Chestem) and up to 2 at Rocky Gap, Feb. 5-17 (Simons +). Local high counts of Oldsquaws around the Bay were 1500 at Swan Point on Dec. 6 and 2500 from Swan Point to Love Point on Feb. 1 (Grubers) and 343 at PNAS on Feb. 21 (Reinhold).

Scoters, Goldeneyes, Buffleheads. The only **Black Scoters** reported were 2 in DC, where rare, with 1 **Surf Scoter** on Dec. 5 (Czaplak), 300 at PNAS on Jan. 3 (Reinhold), and 250 at Hooper Island on Jan. 28 (Armistead, Sparks). Highs for Surf Scoters were 120 at PNAS on Jan. 17 (Reinhold), 75 near Bellevue on Jan. 27 and 450 at Hooper Island on Jan. 28 (Armistead, Sparks), and 2700 off Deal Island on Jan. 28 (Blom). **White-winged Scoters** numbered 37 at PNAS on Jan. 3 (Reinhold) and 35 at Hooper Island on Jan. 28 (Armistead, Sparks). Highs for **Common Goldeneyes** before the freeze and after the thaw were 2000 at Hodges Bar on both Dec. 5 and Jan. 30 (Grubers) and 4000 estimated there on Feb. 7 by Garvin and Powell. There were 200 goldeneyes at Susquehanna SP on Jan. 14 (Eastman) as birds occupied open water on the rivers, and 5 that made it to Oakland on Jan. 30 (Pope). **Buffleheads** also returned early, with 1000 at Hodges Bar on Jan. 30 (Grubers) being the highest concentration.

Mergansers. High counts of **Hooded Mergansers** were 44 at Loch Raven on Dec. 13 (Simon), 68 at Oxon Hill on Dec. 16 (Bjerke), 16 at PNAS on Jan. 3 (Reinhold), 30 at Deal Island WMA on Feb. 3 (Davidson, Wierenga), and 32 at PWRC on Feb. 9 (Obrecht). Conowingo is still the fall concentration point for **Common Mergansers** as 5000 were estimated to be there on Dec. 10-16 (Eastman). Eastern Shore sightings of Common Mergansers included 1 at Royal Oak on Dec. 17 (Steve Ford), 5 in Ayers Creek near Berlin on Dec. 29 (Ringler), 50 in Fairlee Creek on Jan. 21 (Garvin), and 50 in Worton Creek on Feb. 7 (Garvin, Powell). Other high counts of Common Mergs were 88 in DC on Dec. 30 (Czaplak), 130 at Jug Bay on Jan. 18 (Swarth, Audet), and 205 at Loch Raven on Feb. 2 (Simon). **Red-breasted Mergansers** moved much earlier than usual with a high of 275 near Bellevue on Jan. 27 (Armistead, Sparks) and an inland high of 29 on Lake Elkhorn on Feb. 28 (Mariano).

Vultures, Ospreys, Bald Eagles. Very rare during this season in Western Maryland was a **Black Vulture** at Spring Gap on Dec. 16 (Kiddy); the high count for the season was at the Alpha Ridge Landfill-110 on Feb. 16 (Atkinson). **Turkey Vultures** also appeared in the west this winter with single birds in Allegany County at North Branch on Feb. 6 (Twigg) and Pinto Marsh on Feb. 18 (Simons); 10 were counted on the Garrett County midwinter count on Feb. 10. The high count of Turkey Vultures for the season was 170 at Tanyard on Dec. 10 (Engle). Sightings of single **Ospreys** followed the early thaw at Conowingo on Jan. 27 (Bill Pfingsten), Point Lookout on Feb. 7 (Craig), on the Wicomico River in Wicomico County on Feb. 16 (Brodericks), and at Denton on Feb. 24 (Short). The annual **Bald Eagle** survey by the Department of Natural Resources counted 81 birds at Blackwater on Jan. 12 and 178 birds at Aberdeen Proving Ground on Jan. 14 (Therres). Western Maryland sightings of Bald Eagles were 1 at Rocky Gap on Jan. 22 (Twigg), 2 adults at Deep Creek Lake on Feb. 2 and 1 on Feb. 28 (*vide* Pope), 5 at Triadelphia on Feb. 18 (Gerald Elgert), and 1 at Green Ridge on Feb. 19 (Kiddy, Simons).

Buteos, Golden Eagles. Sightings of **Rough-legged Hawks** included a light phase bird at St. Michaels on Dec. 1 (Reese), 1 at Conowingo on Dec. 16 (Eastman), a dark phase bird at Trout Run on Dec. 17 (Pope), a light phase at Spring Gap and a dark

phase at North Branch on Jan. 1 (Kiddy), a light phase near Deep Creek Lake on Jan. 6 (Pope), a light phase at Stump Point Marsh, Wicomico County on Jan. 26 (Ringler, Blom), 1 at Great Monie Creek, Mt. Vernon on Jan. 26 (Batchelder), 18 at Deal Island WMA on Jan. 28 (Blom), and 3 light phase in Garrett County for the midwinter count, including 1 at Hammel Glade through March 4 (Skipper). Reports of **Golden Eagles** were an immature at Blackwater from Dec. 2 (Slaughters) through the winter with 2 near adults seen in Jan. 6 (Wierenga, Davidson), a subadult at Point Lookout on Feb. 17 (Jett), and an adult near Bellevue on Feb. 24 (Armistead +).

Falcons. Pope observed a pair of **American Kestrels** copulating in Garrett County on the early date of Feb. 23. There were few substantiated reports of **Merlins** this winter with an adult male in DC from Dec. 2 through Jan. 6 (Czaplak +), 1 on Assateague on Jan. 20 (Iliff), and 1 at Point Lookout on Feb. 17 (Jett). **Peregrine Falcon** reports included an immature at Conowingo on Dec. 2 (Eastman), 1 north of Knapps Narrows (Reese) and 1 near St. Michaels (McCulloughs) on Dec. 17 which could have been the same bird, 1 south of Snow Hill on Jan. 13 (Vaughn +), and 1 at Deal Island WMA on Jan. 28 (Blom).

Gallinaceous Birds, Rails, Coots, Cranes. The **Chukar** that Fogleman saw at Rising Sun on Feb. 27 was certainly an escaped bird. **Ring-necked Pheasants** found on the Coastal Plain were a pair at Mason Landing on Dec. 28 (M. O'Brien) and a hen at PWRC on Jan. 6 (Don Clark). **Wild Turkeys** are continuing their gains of recent years as introductions become established in various parts of the state. This winter's interesting sightings were 24 at Rocky Gap on Dec. 12 (Twigg), 14 at Susquehanna SP on Dec. 17 (Eastman), a flock of about 30 near Sharpsburg on Dec. 23 (Ringler), 50 at Pinto Marsh on Jan. 14 (Simons), 1 at Elk Neck SP on Jan. 21 (Fogleman), 8 at Federalsburg on Feb. 13 (C. Schmick), 2 west of Vienna on Feb. 22 (Bonham), and 17 near Turkey Neck, Garrett County with a gobbler displaying on Feb. 23 (Pope). A **King Rail** was seen at Irish Grove on Jan. 28 (Stasz). The high counts of **American Coots** at Loch Raven were 400 on Dec. 2 before the freeze and 285 on Feb. 24 after the thaw (Simon). The **Sandhill Crane** at Poolesville remained through another winter (many observers). Danny Bystrak heard a Sandhill Crane flying near Jug Bay on Jan. 20 and this was perhaps the bird seen not far away at Merkle from Jan. 27 through Feb. 11 (Carol Beyne +).

Shorebirds. An **American Oystercatcher** photographed at Tanner Creek on Dec. 28 (J. Boxwell, Craig) was the first for St. Mary's County. Also rare in winter in the Bay was an oystercatcher at Hooper Island on Jan. 28 (Armistead, Sparks). Oystercatchers, which began wintering in Maryland about 15 years ago, numbered 55 at Ocean City on Jan. 27 (Ringler). Winter reports of **Greater Yellowlegs** were more numerous than usual with 2 at Tanyard on Dec. 12-13 (Engle), 1 in South Baltimore on Dec. 19 (Walbeck), 12 in Somerset County on the midwinter count, 8 at Deal Island WMA on Feb. 3 (Davidson, Wierenga), 1 at Blackwater on Feb. 19 (Iliff) and 38 there on Feb. 25 (Armistead +), and 3 at Fort McHenry on Feb. 25 (Walbeck). There were fewer **Lesser Yellowlegs**, with 1 near St. Michaels on Dec. 17 (McCulloughs) and, on Jan. 28, 4 at Crisfield (Ringler) and 1 at Deal Island WMA (Blom). Rare in winter, 2 **Willetts** were recorded on the Ocean City CBC on Dec. 28. An exceptionally late **Spotted Sandpiper** was at Loch Raven on Dec. 2 (Simon +). There were 2 **Red Knots** at Ocean City on Dec. 27 with at least 1 remaining through Feb. 25 (Ringler +), and another 2 were seen on Assateague on Dec. 29 (M. O'Brien). **Sanderlings** at Chesapeake Bay locations were 5 at PNAS on Dec. 29-30 (Rambo), 22 at Point Lookout on Jan. 21 (J. Boxwell), 8 at Cambridge on Feb. 19 (Czaplak), and 5 at Hooper Island on Feb. 25 (Armistead +). The Ocean City CBC also recorded 7 **Western Sandpipers** on Dec. 28. Rare but almost annual in the Bay were 3 **Purple**

Sandpipers at Point Lookout on Dec. 30 (J. Boxwell, Craig). The winter-high for **Dunlins** was 300 at Hooper Island on Jan. 28 (Armistead, Sparks); the only other non-coastal report was of 9 at Deal Island WMA on Feb. 3 (Davidson, Wierenga). A **Common Snipe** was seen near Lilypons on Jan. 13 (Wilkinson +). **American Woodcocks** in Western Maryland, where very rare in winter, were single birds at North Branch on Jan. 28 (Simons) and near Gorman on Feb. 10 (Danny Bystrak). Other reports included 7 at St. Michaels on Dec. 26 (Reese), 1 at PNAS and 1 in Hollywood on Feb. 12 (Rambo), and 8 at Piney Neck, Kent County on Feb. 16 (Grubers).

Dark-headed, Ring-billed and Herring Gulls. The 6 **Laughing Gulls** at PWRC on Dec. 8 (Obrecht) were late inland. Also unusual were 9 **Bonaparte's Gulls** at Susquehanna SP on Jan. 12 (Eastman). High counts of **Ring-billed Gulls** for the season were 3000 at Conowingo on Dec. 10 (Eastman), 1300 at Piney Run on Jan. 15 (Ringler), 6700 in DC on Jan. 20 (Czaplak), 1200 at Petersburg, Carroll County on Jan. 21 (Ringler), 5000 near Cambridge on Jan. 26 (Blom, Ringler), 2500 near Easton on Jan. 26 plus 1500 in the Bozman-Neavitt area on Jan. 27 and 1500 at St. Michaels on Feb. 1 (Reese), 2500 at Still Pond, Kent County on Feb. 2 (Grubers), 2000 at the Eastern Landfill on Feb. 8 (Scarpulla), 2000 near Rock Point on Feb. 10 (Jett), and 15,000 in fields from Chestertown to Rock Hall on Feb. 23 (Grubers). Rare in Western Maryland were single **Herring Gulls** on Deep Creek Lake on Dec. 10 (Pope) and at Rocky Gap on Feb. 16 (Twigg). Local high counts of Herring Gulls were 1740 in DC on Dec. 30 (Czaplak), 500 at Piney Run on Jan. 15 (Ringler), and 800 near Ruthsburg on Jan. 24 (Grubers). The most exciting gull find of the winter was a Herring Gull of a yellow-legged type at Georgetown Reservoir, Feb. 4-6 (Czaplak +).

White-winged Gulls. A first-winter **Thayer's Gull** was observed at Alpha Ridge Landfill on Feb. 24 (Blom +). Sightings of **Iceland Gulls** were a first-winter bird at the Beulah Landfill between Preston and Hurlock on Dec. 27 (Ringler), 1 at Berlin on Dec. 28 (Blom), 3 of various ages in DC on different dates from Dec. 30 through Feb. 11 (Czaplak +), a first-winter bird at Sandy Point on Jan. 1 (Davidson, Wierenga), an immature at Salisbury on Feb. 2 (Standaert), and an immature at Alpha Ridge on Feb. 19 (Magnusson +). Reports of **Glaucous Gulls** were single birds at Showell on Dec. 28-29 (Mumford +), 1 on Druid Lake, Baltimore on Jan. 15 (Peggy Bohanan +), Blackwater on Jan. 18 (Dave Carr), Eastern Landfill on Jan. 27 and Feb. 8 (Scarpulla), Choptank on Feb. 8 and 15 (Steve Ford), Brighton Dam on Feb. 11 and 18 (Magnusson +), and Alpha Ridge on Feb. 24 (Blom +). All were first-winter birds.

Black-backed Gulls, Terns. **Lesser Black-backed Gulls** were widespread again with 1 at Sandy Point on Dec. 2 (Anderson), at least 2 adults at Triadelphia from Dec. 2 through Feb. 18 (Magnusson +), 1 at Rugby Hall on Dec. 7 (Taliaferro), an adult at Conowingo on Dec. 10 (Scarpulla +), 1 at Berlin on Dec. 28 (Blom), 2 adults and 2 first-winter birds in DC on Jan. 20 (Czaplak), an adult at the Eastern Landfill on Jan. 27 (Scarpulla), a near-adult at Salisbury on Feb. 2 (Standaert, Slaughters), a near-adult at Liberty Reservoir, Carroll County on Feb. 5 (Ringler), 1 at UMCF on Feb. 10 (Atkinson), an adult at Georgetown Reservoir on Feb. 11 (Iliff), 1 at Jug Bay on Feb. 15 (Droege, Audet), and 2 adults at Alpha Ridge on Feb. 19 (Magnusson +) and Feb. 24 (Blom +). The only **Forster's Terns** seen this winter were 1 off Assateague on Dec. 28 (Iliff, Taliaferro) and 1 at Ocean City on Jan. 27 (M. O'Brien).

Owls, Woodpeckers. The only **Barn Owl** reports were of 1 found dead at Deal Island WMA on Feb. 3 (Davidson, Wierenga) and 1 at Federalsburg on Feb. 14 and 20 (R. Robinson). Reports of **Short-eared Owls** were of 5 at Greensboro on Dec. 17

(Fletchers), 1 at Jug Bay on Dec. 25 (Swarth), 1 at Assateague on Dec. 29 (M. O'Brien) and Jan. 19 (Iliff), and 3 at Deal Island WMA on Jan. 28 (Blom). **Northern Saw-whet Owls** were 1 found dead near Brooklandville, Baltimore County on Jan. 11 (Barbara Ross), 1 heard near Queen Anne, Queen Anne's County on Jan. 11 (Wilbur Rittenhouse) and 1 through the end of the season at Hughes Hollow (many observers). A **Red-headed Woodpecker** seen south of Oakland in Garrett County on Dec. 17 remained through the winter (Pope +). There were very few sightings of **Yellow-bellied Sapsuckers** after the CBCs. The report of a **Red-cockaded Woodpecker** near Brandywine on Dec. 22 (Millie Kriemelmeyer) is being reviewed by the Records Committee.

Flycatchers, Larks. Eastern Phoebes did well this winter with the following January reports: 1 on the C&O Canal opposite Shepherdstown on the 20th (Hershberger), 1 at North Branch on the 20th to the 30th (Kiddy +), 1 at Salisbury on the 25th (Lawler), 2 at Spring Gap on the 28th (Kiddy), and 3 on Langmaid Road on the 28th (M. O'Brien). February phoebes included 1 at Annapolis on the 1st (Iliff), 1 at Corriganville on the 4th (Ringler +), 1 at Centennial Park on the 11th (Bonnie Ott), 1 at Bayard, Anne Arundel County on Feb. 14 (Walbeck), 1 at Greensboro on Feb. 21-24 (Scudder), and 2 at Jug Bay on Feb. 23 (Mumford, Beaton). Some of the later birds may have been early spring migrants rather than true wintering birds. Highs for **Horned Larks** were 300 at New Design Road on Dec. 2 (Scarpulla), 92 at Havey's Peninsula, Deep Creek Lake on Dec. 18 (Skipper), and 100 at Bradenbaugh through the winter (Kirkwood).

Crows, Chickadees. The big roost of **American Crows** at Hagerstown was estimated at 70,000 on Dec. 23 (Ringler). Blom estimated 22,000 **Fish Crows** flying over Deal Island WMA heading for a nearby roost on Jan. 28. No **Black-capped Chickadees** were reported out of range.

Nuthatches, Wrens. The best report for **Red-breasted Nuthatches** was of 40 at Claiborne on Dec. 17 (Effinger). **Carolina Wrens** survived the worst of the winter in good shape with the 11 found on the Garrett County midwinter count on Feb. 10 being evidence of this species' strong comeback in the mountains also. There were 4 **House Wrens** found on the Somerset County midwinter count on Jan. 28. The only **Sedge Wrens** reported were 2 at Irish Grove on Jan. 28 (Stasz). The only **Marsh Wrens** after the CBCs were 1 on Langmaid Road on Jan. 28 (M. O'Brien) and 1 at Jug Bay on Feb. 15 (Droege, Audet).

Thrushes, Mimids. There were few notable counts of **Eastern Bluebirds** with the highest being 27 at Great Monie Creek, Mt. Vernon on Jan. 26 (Batchelder) and 30 at Denton on Jan. 29 (L. T. Short). **American Robins** were plentiful this season and some of the biggest flocks were 200 at Sandy Pines, Wicomico County on Jan. 19 (Grubers), 300 near Bush, Harford County on Jan. 27 (Kirkwood), 75 at Elk Neck SP on Jan. 27 (Fogleman), and 200 at Flintstone on Feb. 3 (Ringler, Karen Skuldt). Rare for Garrett County in winter was a robin at Mountain Lake Park on Jan. 23 (Pope). Lingered **Gray Catbirds** in the Piedmont were 1 at Piney Run on Jan. 14 (Mark Lipnick), 1 in northeastern Baltimore County on Jan. 20 (Swift), and 1 at Elk Neck SP on Jan. 27 (Fogleman). Rare in the highlands of Garrett County was a Northern Mockingbird at Oakland on Feb. 10 (Sheila Hughes). Wintering **Brown Thrashers** in the Piedmont were 1 at Granite on Jan. 27 (Wilkinson) and 1 at Wilde Lake on Jan. 31 (Helen Zeichner).

Waxwings, Shrikes. **Cedar Waxwings** were scarce in most areas with the high counts for the season being 150 at Schooley Mill Park on Jan. 6 (Magnusson, Solem), 100 at Port Deposit on Jan. 13 (Swift), and 200 at Annapolis on Jan. 28 (Iliff). The

only **Loggerhead Shrikes** this season were the resident bird at Lilypons through the season (many observers) and 1 near Sharpsburg on Feb. 3 (Hershberger).

Warblers, Cardinaline Finches. Single Orange-crowned Warblers were found on Assateague on Dec. 28 (Iliff, Taliaferro) and in Somerset County on Jan. 28 (Bob Dixon). A **Yellow-rumped Warbler** in Garrett County on Feb. 19 (J. R. Farrar) was extraordinary there. Wintering **Pine Warblers** included 1 at Fruitland from Dec. 20 through the period (Slaughters), 1 at Parsonsburg on Jan. 13 (Pitney), and 4 in the Bozman-Neavitt area on Jan. 27 (Reese). Pine Warblers jumped into spring exceptionally early this year as 1 was singing at Loch Raven on Feb. 19 (Jenkins, Simon), 1 was on Green Ridge on the same date (Simons), and a male was at Waldorf on Feb. 24 (Jett). Wintering **Palm Warblers** were seen on Jan. 28 with 1 at Langmaid Road (M. O'Brien) and a western palm in Somerset County near Pocomoke City (Ringler). **Common Yellowthroats** were reported less than usual with a late migrant at Schooley Mill Park on Dec. 2 (Magnusson, Farrell, Solem), a female on Assateague on Dec. 28 (Ringler), and 1 in Baltimore County on Jan. 6 (Webb). Quite remarkable was the **Rose-breasted Grosbeak** that appeared at a feeder in Denton on Dec. 12 (Nuttle). The only **Dickcissel** was seen in Gaithersburg from Dec. 12 through at least Feb. 24 (Kelsey Swanson +).

Sparrows. After years of decline, **American Tree Sparrows** made a substantial recovery this year. Significant Coastal Plain sightings included 1 at Dameron, Dec. 10-31 (J. Boxwell), 10 at North Beach on Jan. 13 (Stasz, Ringler), and 1 at Deal Island WMA on Feb. 3 (Davidson, Wierenga). High counts of Tree Sparrows were in Baltimore with 50 at Masonville on Dec. 17 (Walbeck +) and 40 in Black Marsh on Jan. 20 (Ringler). **Chipping Sparrows** were also well represented this season with 2 at PWRC on Dec. 4 (Marshall Howe), 1 in DC on Dec. 16 and Jan. 7 (Czaplak), 6 at Mason Landing on Dec. 29 (Blom, Ringler), an adult at a feeder in Annapolis on Dec. 31 (Ringler), 1 at a feeder in Phoenix on Jan. 10 (Jenkins), 3 at Quaker Neck on Jan. 22 (Parks), 12 in Worcester County on Jan. 28 (P. O'Brien), 7 in Somerset County on Jan. 28 (Ricciardi), 12 at Denton on Feb. 10 (Westre), and 2 at Parsonsburg on Feb. 26 (Pitney). A high count of **Field Sparrows** was 75 at Annapolis on Dec. 11 (Iliff), and a singing bird was heard at North Branch on Feb. 23 (Simons) for the first sign of spring migration. Wintering **Yesper Sparrows** included 2 at Queen Anne on Dec. 22 (Grubers), 1 in Worcester County on Jan. 28 (P. O'Brien), 1 at Loch Raven on Feb. 4 (Joy Wheeler) and 3 in Wicomico County on Feb. 11 (Vaughn). The high for **Savannah Sparrows** was 20 at West Ocean City on Jan. 27 (Ringler), and an oddity was an albino at Langmaid Road on Jan. 28 (M. O'Brien). The only post-CBC **Sharp-tailed Sparrows** were 1 in Ocean City on Jan. 27 (Ringler) and 5 in Somerset County on the midwinter count. The first migrant **Fox Sparrows** of the spring were 1 at Indian Head on Feb. 13 (Ghebelian) and 3 at Jug Bay on Feb. 16 (Mumford, Beaton). Rare in winter was a **Lincoln's Sparrow** at Mason Landing on Dec. 28 (M. O'Brien). There were 12 **White-crowned Sparrows** at Rising Sun on Jan. 27 (Fogleman) for the season's high. Three "Oregon" type **Dark-eyed Juncos** were reported: 1 banded at Salisbury, Dec. 8-24 (Vaughn +), a pink-sided form at Tolchester Estates on Dec. 17 (J. Gruber), and 1 at a feeder in Bel Air, Allegany County on Dec. 26 (Simons).

Longspurs, Snow Buntings. **Lapland Longspurs** numbered a superb 30 at New Design Road on Dec. 2 (Scarpulla), 4 at Bradenbaugh on Dec. 17-29 (Kirkwood), 3 at Harvey's Peninsula, Deep Creek Lake on Dec. 18-21 (Skipper+), 2 near Ridgely on Dec. 27 (Ringler), 1 near Rehobeth, Somerset County on Dec. 27 (Vaughn, Pitney, Simone Jenion), and 1 on Assateague on Dec. 28 (Wierenga). **Snow Buntings** appeared at a number of places in December and were concentrated along roads or

bare spots in fields by the snow cover. There were reports of 1 at Triadelphia, Montgomery County on Dec. 2 (Magnusson), 4 at Sandy Point on Dec. 3 (Taliaferro), 4 at Rocky Gap on Dec. 6-7 (Twigg), 1 on Harvey's Peninsula, Deep Creek Lake on Dec. 16-21 (Pope +), 200 near Ridgely on Dec. 16 (Ricciardi) and 50 there on Dec. 27 (Ringler), 1 at Bradenbaugh on Dec. 17 (Kirkwood), 300 at Ruthsburg on Jan. 9 (Grubers), 1 at Tavern Creek on Jan. 30 (Grubers), 3 at Ocean City on Feb. 10 (Brinker +), and 1 at Piney Neck, Kent County on Feb. 21 (Grubers).

Icterines. The only concentration of **Eastern Meadowlarks** reported was of 63 birds at Ruthsburg on Feb. 20 (Grubers). An adult male Yellow-headed Blackbird was in Brooklyn on Dec. 17 (Wanda Schoenemann +), and a female was at Rising Sun on Dec. 23 and Jan. 13 (Fogleman). High counts of **Rusty Blackbirds** were 100 at Pemberton Park, Salisbury on Feb. 2 (Lawler), 200 in Garrett County on Feb. 10 (Skipper), and 30 on Roosevelt Island, DC on Feb. 24 (Hilton). Armistead and Sparks saw a male **Boat-tailed Grackle** at Hooper Island on Jan. 28 where it is rare in winter. Ringler estimated about 500,000 **Common Grackles** near Whaleysville on Dec. 29. The only **Northern Oriole** of the season was photographed at a feeder in Upper Marlboro on Dec. 26 and Jan. 1 (Sandy & Bill Ruxton).

Cardueline Finches. An albino **House Finch** was seen at Waldorf through the end of the period (Jett). A singing male **Red Crossbill** was on Green Ridge on Feb. 3 and at least 2 birds were seen through the 18th (Ringer +). A male **Common Redpoll** was seen at a feeder at Bray Hill on Feb. 17 (Skipper) for the only report this season. **Pine Siskins** were locally plentiful, particularly in the west, though absent in most other areas of the state. Highs for the season were 150 at Mountain Lake Park on Dec. 11 and up to 200 on other days through the winter (Pope), 40 at a feeder near Cumberland on Jan. 6 and later (Simons), 46 at another Cumberland feeder on Jan. 13 (Kiddy), 80-100 at Bray Hill on Jan. 26 (Skipper), and 1229 in Garrett County for the midwinter count. Coastal Plain reports of siskins included 30 at Davidsonville in early to mid January (Phil Davis), 30 at Waldorf on Jan. 21 and Feb. 4 (Jett) and 10 at Salisbury on Jan. 25 (Brodericks). Miller reported that a **European Goldfinch** with an orange leg band was at a feeder near Urbana throughout the season. **Evening Grosbeaks** were also more plentiful in the west, with 40 at Bray Hill on Feb. 17 (Skipper) being the highest total reported. Other flocks of note were 18 at St. Michaels on Dec. 3 (Orem Gardner), 10-15 at Snydersburg on Dec. 7-8 (Sharon Schwemmer), 12 at Indian Head on Dec. 14 (Gheblian), 15 near Hampstead on Jan. 6 (Webb), and 12 at Salisbury on Feb. 19 (Brodericks).

6272 Pinyon Pine Court, Eldersburg, MD 21784

MINUTES OF THE ANNUAL MEETING MARYLAND ORNITHOLOGICAL SOCIETY June 9, 1990

The annual membership meeting of the Maryland Ornithological Society was held on June 9, 1990, at Washington College in Chestertown, Maryland. A quorum was present when President John Malcolm called the session to order at 7:48 p.m. Minutes of the last annual meeting were approved as submitted.

President Malcolm expressed his appreciation to all who have contributed to the continued success of the Society. He gave particular recognition to the Committee Chairs for the time and effort they have spent in voluntary participation.

Several awards were presented, the foremost being those for VALUED SERVICE, created to be given in appreciation of members who have volunteered countless hours to the Society. The current honors were bestowed upon Mildred Gebhard, Rodney Jones, Lee Meinersmann, Dorothy Mumford, Chandler Robbins and Joy Wheeler. Past recipients of the award were also given recognition.

For his able service as conference organizer, Steve Hitchner was given a canvas tote decorated with the conference pin design.

The winner of the pin design contest, artist Connie Bockstie of Howard County, received a gift certificate.

Outgoing secretary Pat Moore, who is moving to North Carolina, was surprised by a parting gift from the Montgomery County Chapter.

Mr. Malcolm commended the efforts of both Silent Auction coordinator Sally Rowe and Raffle organizer Graham Egerton. The auction brought in \$777.70. The raffle totaled \$717. The high bidders and winners of both were announced. The funds will go toward meeting the Howard County matching grant of \$2500 to benefit the Atlas. The totals of the registration donations to the Atlas will be published at a later time.

President's Message. John Malcolm reported that the current membership of MOS is 2,890, up 5% from the previous year. Although there are more members and more dues coming in, the Society is spending more than it is taking in because of Atlas expenses and higher costs of items such as postage.

The total registration for the conference is 345, about 100 above the expected attendance. The field trips have been most affected by the overwhelming numbers and every effort has been made to find places for everybody.

Mr. Malcolm has appointed Sally Ann Waldschmidt of Montgomery County as Chairperson of the Conference Committee. She will coordinate future conferences. Two committee chairs are yet to be filled: Education and Gifts.

During the year there have been bequests to MOS from:

Billy Taylor, Allegany Chapter
Katherine Slotter, Anne Arundel Chapter
John Wanuga, Talbot Chapter

MOS has a surplus of 10,000 5 x 8 mailing envelopes, which are available for chapter use.

Irish Grove Sanctuary suffered extensive damage from a freak tornado. Snapshots of the aftermath are on display in Hynson Lounge.

Vice President. Mr. Dolesh gave a progress report on the special MOS license plate. One hundred applications are necessary before the DMV will grant the use of the plates. Eighty have been received thus far. Applications may be obtained from chapter presidents. Mr. Dolesh gave credit to Sally Rowe for originating the idea.

Treasurer. After distributing a financial report to the membership, Ms. Joyce emphasized the predicament of the Operating Fund. It receives money from dues,

interest income, and sale of publications. From that fund must come expenses for publications, administrative needs, research grants, and atlas. Because more is going out than coming in, help is needed.

COMMITTEES. The following synopses will be published in full in Maryland Birdlife's annual committee reports:

Audit. Rodney Jones. The financial records, which continue to be in excellent shape, accurately present the financial position of the Society.

Budget. Norm Chamberlin. The budget for May 1, 1990, through April 30, 1991, was amended and approved at the March 24, 1990, meeting of the Board.

Bylaws. Bill McIntosh. Bylaws may be amended by a vote at a membership meeting, provided that the proposed amendment had been distributed in writing to the members not less than 30 days prior to the meeting, and provided that the amendment had been previously approved by the Board of Directors. Two proposed amendments were mailed with the March/April *Yellowthroat*. The first one would eliminate the need for two signatures on checks for expenses which result from normal operations. The motion for acceptance was made by Jim Stasz, seconded and approved by the membership.

The second amendment proposed a change in the dues structure. The motion for acceptance, made by Emily Joyce, was seconded and approved by the membership.

The new dues structure:

<i>Category</i>	<i>Amount</i>
Individual	\$ 10
Household	\$ 15
Sustaining	\$ 25
Life	\$400
Junior	\$ 5

Conservation. Richard Dolesh. The recent 20th anniversary of Earth Day was not a one-day celebration, but a renewal of a commitment to conserve our natural resources. MOS members need to continue to apply pressure to legislators in order to save our environment. On the Federal level the President's Committee on America Outdoors needs backing and funding. Call, write, speak out on its behalf.

On the state level the cap on Program Open Space is being lifted. The real estate transfer tax will bring in millions yearly to preserve Maryland's natural heritage. Thanks can be given to Governor Schaefer, DNR, General Assembly, and the Chesapeake Bay Foundation. The Non-tidal Wetlands Protection Act still needs our support.

MOS members in Howard, Prince George's, and Anne Arundel Counties should be particularly concerned over the 9,000 surplus acres that Fort Meade wants to sell. Write to President Bush and ask that the land be preserved.

Eleanor Robbins made a special plea for several natural areas that need our help. Among them, Black Marsh, Indiana Dunes, some of our State Forest areas, and Pease Air Force base in New Hampshire that might be sold.

Conference. Steve Hitchner. The final financial figures are not in for the best-attended conference in several years. The unexpected 345 people who registered made field trip assignments a real problem. Mr. Hitchner asked for a round of applause for Gary Nelson for his extra work and the phone calls necessitated by the unprecedented number of people who wanted to participate in the trips. Mr. Hitchner also thanked his wife and all the Kent County members who helped make the conference a success.

In 1991 the conference will be hosted by Montgomery County on May 24-26 at the 4-H Center in Chevy Chase. John Bjerke extended a welcome on behalf of the county.

Education. Joy Wheeler. At the 35th Baltimore Science Fair MOS presented its Award of Achievement to Christopher Pine, student in grade 7 at Our Lady Queen of Peace School in Essex, Maryland, for his study on homing pigeons.

The Maryland Association of Environmental and Outdoor Educators had its annual conference on April 28-30. MOS was represented by Dennis Kirkwood of Harford County and Gail Frantz of Baltimore.

Library. Joy Wheeler. Surplus issues of *Maryland Birdlife* are being arranged in chronological order at Cylburn. Requests for back issues are being filled. The complete set of *Maryland Birdlife* at Enoch Pratt Free Library is now available nationwide on Interlibrary Loan.

Long Range Planning. Joanne Solem. The committee examined the current dues structure and projected future increases to see if a dues change would be necessary. Operating expenses have exceeded the budget. The funding of research grants is such a drain on the operating budget that an attempt should be made to support them in another way. The committee recommended that a chair for the Gifts Committee be found so that an organized method of obtaining gifts and memorials could be put into action.

Research. Karen Skuldt. Appreciation was expressed for the afternoon paper sessions at the conference. Two grants were awarded this year: \$525 to Joan McKearnan, Frostburg State University, to study Avian Edge-effects along a Central Appalachian Riparian Zone; and \$475 to Thomas Risch, Frostburg State University, to do Cross-Fostering Experiments with Colonial Waterbirds.

Sanctuary. Dorothy Mumford. This has been a busy year for the committee. Some highlights of activities: MOS has donated conservation easements on two properties: To the Maryland Environmental Trust, an easement on the new Marengo Woods Sanctuary in Talbot County; and to the Severn River Land Trust an easement on the Mandares Creek Sanctuary.

Talbot County is the beneficiary of two legacies left to MOS to be used for buying land in that county.

Connie Skipper, who lives near the Caroline Wilson Sanctuary in Garrett County, will over-see that sanctuary.

Carey Run and Irish Grove have benefited from annual workdays, but the freak storm that hit Irish Grove on May 10, 1990, will necessitate more than a few workdays. Insurance will cover damages on the house, but there is much to be done

to put the property into repair. Scheduled Irish Grove workdays: September 15 & 16, and November 3 & 4.

Scholarship. Mildred Gebhard. In response to requests for one week rather than the usual two week ecology sessions, the committee awarded three one week Helen Miller Scholarships at National Audubon Summer Workshops. The names of the seven recipients of the Ecology and Ornithology scholarships will appear in the complete report elsewhere in *Birdlife*. Two of the winners, Carolyn Lipscomb and Linda Bystrak, were present at the Conference.

Atlas. Eirik Blom. The committee distributed a report on the progress made toward meeting the publication date of the Atlas. The publisher must have all materials by the end of November. All phases seem to be in good shape except for the species accounts, which are way behind schedule. They must be written immediately.

Cavity Nesting. Delos C. Dupree. The Maryland Ornithological Society Trails (MOST) report for 1989 indicated a sizeable increase in the number of bluebirds fledged. This was due to an increase in the average number of young fledged per box, with a jump from 4.073 in 1988 to 5.611 in 1989. Of a total of 2,143 boxes monitored, 917 were used by bluebirds, 108 by chickadees, 37 by titmice, 92 by swallows, 420 by wrens and 1 by flycatchers.

May Count. James Stasz. Reports received through June 7 from 12 counties and the District of Columbia indicate a slight drop in the number of observers. The counts might have been affected by the overcast skies, showers and cool winds.

Publications. Chandler Robbins. The June 1990 issue of *Maryland Birdlife* is waiting for Annual Reports from local chapters and committee chairmen.

Records. Claudia Wilds. There have been some changes in the structure of the committee. The name has become Maryland/D.C. Records Committee in order to include reports of rarities within the District of Columbia. The number on the committee will be expanded from eight to nine members and the terms of office have also been altered. Claudia Wilds will serve as Chairperson, and Erika Wilson will serve as Secretary.

Old Business. DNR Calendars. Joy Aso has closed the books on the sale of the 1990 calendars. The Society profited \$543 from 543 calendars. DNR will not publish similar calendars in 1991.

New Business. Tropical Rainforest Challenge. Joy Aso reported that George DuBois of Montgomery County will donate \$1,000 to benefit tropical rainforests if MOS will contribute \$1,500. The details of the challenge are being discussed with Mr. DuBois and will be published in *Yellowthroat*.

William Pflingsten, Harford Chapter, expressed his dissatisfaction with the way the conference field trips were handled. He found them overbooked and felt that additional trips and leaders should have been provided, and that registrants should have been advised that the numbers of people on trips were limited.

Election of Officers. Paul Zucker, nominating committee. The following slate of nominees was presented: President - John Malcolm; Vice President - Richard Dolesh; Treasurer - Emily Joyce; Secretary - Joan Stephens. There were no

nominations from the floor. The motion that the slate be unanimously accepted was seconded and passed.

The meeting was adjourned at 9:45.

*Respectfully submitted,
Patricia J. Moore, Secretary*

PRESIDENT'S REPORT

This has been a year of growth and change for MOS. We grew approximately 5%, to nearly 2900 members. We expect to continue to grow as Americans become more concerned about the environment, and come to understand that grass-roots organizations like MOS are an excellent way to help correct the problems.

MOS is experiencing minor financial concerns, as we have been spending slightly more than we take in. We are not overly concerned, however, because this last year has been one of unusual one-time expenses (catching up on publication of *Maryland Birdlife* and paying a consultant to coordinate the Atlas publication project). *Maryland Birdlife* is now caught up, and won't be an excessive drain on our treasury. We are also taking several steps to reduce expenses, such as: printing *Maryland Birdlife* as a self-mailer (no envelope required), purging the mailing list of unnecessary addresses, and pushing to complete the Atlas publication project as soon as possible.

On the positive side of our financial situation, at the June 1990 annual meeting the membership of MOS voted a dues increase, our first since 1983. The resulting increase in income will help offset the effects of inflation, and should put us "in the black," except for the Atlas publication project.

We suffered severe storm damage at the Irish Grove sanctuary recently. Many out-buildings were destroyed, but fortunately the house was not badly damaged. Our insurance will cover repairs on the house.

MOS received three bequests recently, from Billie Taylor (Allegany), Katherine Slotter (Anne Arundel), and John Wanuga (Talbot). We used the funds in accordance with the wishes of the individuals.

We recently filled the chair of the Conference Committee, but are still searching for people to Chair the Gifts and Education Committees. While we're on the subject of helping MOS, we always need volunteers to help with any number of MOS projects. Anyone who wishes to lend skills, abilities, and enthusiasm to further our many efforts should contact me at (301) 977-5788.

John G. Malcolm

AUDITING COMMITTEE

I have examined the financial records of the Maryland Ornithological Society for the year May 1, 1989 to April 30, 1990.

In my opinion the records continue to be in excellent shape and accurately present the financial position of the Society.

Rodney B. Jones, Chairman

ANNUAL REPORT OF THE TREASURER MARYLAND ORNITHOLOGICAL SOCIETY, INC.

May 1, 1989 through April 30, 1990

Budget Item:	Budget	Actual	Total
OPERATING FUND			
Income:			
Dues	\$11,000.00	\$11,861.00	
Transfer, Endowment Fund	414.00	424.00	
Conference 1989		14,066.00	
Conference 1990		8,689.00	
Interest Income			
Investments	1,020.00	918.00	
Pooled funds	1,100.00	459.67	
Income, publications	100.00	247.60	
Contribution, mail permit	25.00	30.00	
Membership pins	150.00	54.50	
Advertising, publications		473.00	
Miscellaneous		2.00	
Calendars		1,493.25	
Total Income	13,809.00	38,718.02	
Expenses:			
Publications Committee			
Maryland Birdlife (6 issues)			
Printing	7,350.00	5,654.48	
Postage	750.00	646.66	
Supplies & Misc.	700.00	525.55	
Labels		162.55	
Yellowthroat			
Printing	2,250.00	3,992.28	
Postage	850.00	887.13	
Supplies & Misc.	50.00	337.03	
Total, publications	11,950.00	12,205.48	
Administrative & Office			
Executive Secretary stipend	2,400.00	2,400.00	
Calendars		950.25	
Conference 1989		16,901.23	
Conference 1990		686.12	
Deposit, conference 1991		500.00	
Postage		81.25	
Bulk mailing permits	100.00	120.00	
Bulk mailing	200.00		
Membership list maintenance	750.00	663.30	
Printing & duplication	200.00		
Office supplies & misc.	900.00	537.61	
	4,550.00	22,839.76	

Conservation Committee	100.00	
Education Committee	100.00	
Library Committee	100.00	15.00
Records Committee	125.00	87.59
Research Committee	1,000.00	1,000.00
Winter Bird Atlas Project	100.00	
Transfer To Atlas Project	1,000.00	1,000.00
Affiliations and memberships	225.00	225.00
General Liability Insurance	2,000.00	
Contingencies	200.00	
<hr/>		
Total committees	4,950.00	2,327.59
Total Operating Expenses	21,450.00	37,372.83
Operating Fund--May 1, 1989		14,473.83
Current value, Operating Fund		15,819.02

SANCTUARY FUND

Income:

Transfer from Endowment Fund	\$ 3,086.00	\$ 4,659.85
Interest Income--pooled fund	1,500.00	2,282.76
Sales, Sanctuary Signs	400.00	53.50
Use Fees	1,400.00	1,462.73
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Total Income	6,386.00	8,458.84
Mill Creek--Incidentals	200.00	
General liability insurance	1,600.00	
General contingency	1,000.00	
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Total expenses	15,155.00	4,176.01
Sanctuary Fund--May 1, 1989		22,967.81
Current Value, Sanctuary Fund		27,250.64

Expenses:

Adventure, banding project	200.00	
Cary Run		
General maintenance	1,455.00	579.95
Utilities	250.00	149.32
Incidentals	20.00	238.46
<hr/>		
Total, Carey Run	1,905.00	967.73
Irish Grove		
General maintenance	5,050.00	1,735.80
Utilities	350.00	452.50
Fuel	500.00	348.19
Taxes	1,100.00	235.60
Donations, Marion FD	50.00	50.00
Incidentals	200.00	
<hr/>		
Total, Irish Grove	7,250.00	2,822.09

tum Suden

General maintenance	2,000.00	386.19
Utilities	300.00	
Fuel	500.00	
Incidentals	200.00	

Total, tum Suden	3,000.00	386.19
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SANCTUARY ENDOWMENT FUND**Income:**

Life membership	\$ 200.00	\$ 400.00
Contributions	200.00	1,022.17
Bequest		1,000.00
Interest Income		
Investments	1,700.00	2,450.50
Pooled funds	1,800.00	2,633.35

Total income	3,900.00	7,506.02
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Expenses:

Transfer to Operating Fund	414.00	424.00
(life member support)		
Transfer, Sanctuary Fund	3,086.00	4,659.85

Total Expenses	3,500.00	5,083.85
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Sanctuary Endowment,	54,431.17
May 1, 1989	

Current value, Endowment Fund	56,853.34
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SCHOLARSHIP FUND**Income:**

Contributions	\$ 500.00	\$ 667.15
Bequest		500.00
World Nature Association	695.00	725.00
Bourne/Woods Scholarship	525.00	595.00
Interest income		
Investments	585.00	585.00
Pooled funds	1,500.00	2,415.20

Total income	3,805.00	5,487.35
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Expenses

Helen Miller Scholarships	1,390.00	1,500.00
Chandler S. Robbins Scholarship	525.00	595.00
Eleanor C. Robbins Scholarship	525.00	595.00
Orville Crowder Scholar.	695.00	725.00
Woods/Bourne Scholarship	525.00	595.00

Total expenses	3,660.00	4,010.00
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Scholarship Fund, May 1, 1989	30,411.14
Current value, Scholarship Fund	31,888.49

ATLAS PROJECT

Income:

Howard Co. Matching Grant		\$ 704.00
Contributions, general	\$ 150.00	859.15
MOS conference, raffle & auction	750.00	789.25
Transfer, Operating Fund	1,000.00	1,000.00

Total income	900.00	3,352.40
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Expenses:

Telephone	600.00	1,751.73
Miscellaneous	400.00	381.78
Services		15,960.89

Total expenses	1,000.00	18,094.40
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Atlas Fund, May 1, 1989	18,749.35
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Current value, Atlas Fund	4,007.35
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Current value, all funds	135,818.84
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Current Financial Status:

Pooled Funds:

Sovran (checking)	10,090.51
T. Rowe Price Prime Reserve	73,153.03
Reserve Fund	6,806.27
Potomac Electric	692.50

Investments:

Operating Fund	
McDermott, Inc.	9,901.07

Sanctuary Endowment Fund

Source Capital	15,186.60	
Niagra Mohawk	4,983.15	
Ohio Bell	3,693.75	
General Telephone, SW	5,129.92	5,129
Scholarship Fund		
Dayton Power	2,190.00	2,190
Virginia Electric Power	3,992.04	

Total Funds	\$135,818.84
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Emily Joyce, *Treasurer*

ANNUAL REPORTS OF LOCAL CHAPTERS

ALLEGANY CHAPTER

The Allegany County Chapter continued the tradition of providing its members with interesting speakers and good birding opportunities. Our 1989-90 schedule began with a picnic and business meeting at Carey Run Sanctuary in September. Also that month we participated in the National Hunting and Fishing Day at the Country Club Mall in LaVale, providing a low-impact alternative approach to the wildlife of our area.

Our annual dinner, held at the Clarysville Inn, was very successful. Frank Rohwer, Avian Ecologist at the Appalachian Environmental Laboratory, gave an excellent presentation on the annual cycle of waterfowl. Other speakers this year included club members Robert Twigg on geology of Western Maryland and John Willetts on his recent trip to the wilds of Alaska. DNR wildlife technician, Nancy Green, spoke on upland game birds and Joan McKearnan of the Appalachian Environmental Lab on colonial waterbirds in Maryland. We feel very fortunate to have such people share their expertise and experiences with us.

We participated in three bird counts again this year. In spite of the bitter cold of the Christmas Count we recorded 69 species. With milder weather, the Winter Count on February 3 yielded 65 species, including Red Crossbills atop Green Ridge Mountain. The May Count was down this year owing to a smaller area covered; 138 species were sighted. Our field trips included hawk observations at Green Ridge State Forest in October, and a wide variety of waterfowl at Shawnee State Park in Pennsylvania and on local ponds here in Allegany County during November. Heavy rain and snow cancelled two planned field trips. Our final trip for the year was an auto loop tour from Garrett County into Somerset County, Pennsylvania; many spring species were observed. Our County Hotline is in its second year of operation; the highlight this year was the arrival of seven American Avocets on the PPG Ponds, a rare sight for Western Maryland.

I would like to thank all those members whose efforts contributed to the success of our club year. I look forward to working with you again this coming year.

Roy H. Brown, President

ANNE ARUNDEL BIRD CLUB

Anne Arundel Bird Club members enjoyed an active and successful program year. Our eight monthly meetings were well attended with speakers taking us on photo-tours of Alaska, Belize, Guatemala, Jamaica, England, Scotland, and Spain. In addition, we learned how to attract backyard wildlife and identify warblers by sight and sound. Bill Clark recounted for us the spectacular hawk migration through Israel at our Richard E. Heise Annual Wildlife Lecture, which benefitted the MOS Sanctuary and Scholarship Funds.

Members and guests participated in over twenty field trips, with hardy souls turning out on even the most foul-weather days. Spring and fall picnics with good food, birding and camaraderie were enjoyed, hosted by the Iliffs, Taliaferros and Knights.

Club members continued to be active in the MOS. Emily Joyce was the MOS treasurer, Dotty Mumford was the Sanctuary Committee chair and Jim Cheevers was the Education Committee chair. There was also good participation by members at the sanctuary workdays and on the Christmas and May counts. Dick and Pat Chiles hosted the Christmas Count tally-up as they have for several years. Funding for an MOS scholarship is provided through the generosity of Gerald and Vonnice Cotton.

Continuing a tradition of several years, the Anne Arundel Bird Club cosponsored with Sandy Point State Park several bird walks for people in the community. Additionally, Dotty Mumford, Chris Beaton, Sue Ricciardi, and Sam Droege volunteered at Jug Bay Wetlands Sanctuary, taking part in bird studies and surveys. Dotty Mumford also served as newsletter editor.

Sue Ricciardi, President

CAROLINE COUNTY CHAPTER

The Caroline Bird Club has just ended its 1989-90 season with a slide program by the incoming President, L. T. Short. L. T. has most recently won 1st place for amateurs at a wildlife photography show in Cambridge, Md. Another member, Richard Webster took first place in the professional division. We're very proud of these members and look forward to their next showings.

Our bluebird box sales have netted us enough money to buy some nature books for our local library and to make a contribution to the MOS scholarship fund.

Bird walks have been interesting and informative. Our speakers have been varied and we enjoyed them all.

We are now looking forward to our 1990-91 season.

Mariana Nuttle, President

CARROLL COUNTY CHAPTER

The Carroll County Bird Club had a very active and successful year. While the membership remained steady at 40, our regular program and hike attendance has become increasingly active in recent months. Outreach to the community through informational booths and school programs has sparked new interest in birding and the environment. Several of our members were active in promoting environmental awareness throughout the "Earth Day" months of March, April, and May in Carroll County. One of our members, Sue Yingling, has recently established her own weekly column on birds in the local newspaper which we expect will stimulate additional interest.

Meetings are held on the second Wednesday of each month at Pine Run Nature Center in Sykesville at 7:30 p.m. and feature varied slide lecture presentations. The public is always invited. We are looking forward to a great year to come.

Melinda Byrd, President

FREDERICK COUNTY CHAPTER

Eight field trips were held, mostly in and near Frederick County, and 9 monthly meetings convened. Programs given at the meetings ranged from the environmental future of Frederick County to bluebirds to birding in Venezuela.

A number of the members of the club assisted with clean-up of city Mallards which were oiled during an oil spill into Culler Lake in Frederick in January. Several members set up a booth at the County celebration of Earth Day on April 22, and others set up a similar booth in Middletown on April 28.

In business transacted in April, the club voted to send \$135 to The Nature Conservancy for tropical rain forest purchase, \$135 to World Parks Endowment for purchase of tropical land in Guatemala (at \$4 per acre), and \$130 for the Maryland Breeding Bird Atlas.

Stauffer Miller, President

HARFORD COUNTY CHAPTER

The Harford County Chapter continued its slow growth, reaching a membership of 212 at year's end. As a consequence of exceeding 200 members, the Chapter elected Thomas Congersky as its third Director. Much of the recent growth comes from students in birding classes taught by Dennis Kirkwood and June Vaughn, and from publicity in local newspapers written by Jean Fry.

The Field Trip Committee, chaired by Randy Robertson, planned 17 trips during the year, some in the immediate county area, and some to more distant localities such as the Potomac River, Bombay Hook and Brigantine NWRs, Hart-Miller Island and a migration site near Hawk Mountain. These trips are a major part of our program, and some are particularly structured for beginning birders.

In addition to the fall picnic at Harford Glen, we held our usual four dinner meetings on the first Fridays of alternate months beginning in November. The first two featured programs by our own members, Karen Toussaint on her trip to Kenya and the team of Jean and Larry Fry on their visit to England and Scotland. In March, Lisa Nowakowski spoke on rain forest deforestation and at the May meeting Dr. David Thorndill enlightened us with a report on a winter feeder survey. Members from other chapters are welcome to attend our meetings. Reservations are required for the dinner portion (at 6:15 p.m., announced in our Newsletter) but the business meetings/programs beginning about 7:15 are walk-in affairs.

We participated in three annual bird counts. The traditional Christmas count, overseen by Dennis Kirkwood, resulted in 53 birders in 13 parties finding 84 species and over 26,000 individuals. These included Ring-necked Ducks and a Harlequin Duck never before recorded in our count. During the recently initiated midwinter count, coordinated by Bill Pflingsten, 32 participants recorded 87 species, including a dozen new to the count, and almost 190,000 individuals. The latter included an estimated 150,000 "Blackbird species." On the May count, organized by Vice President Les Eastman, ten parties found 144 species and 8,749 individuals.

We continued for the third year to present three awards. Karen Toussaint was

honored as the Rookie-of-the-Year for 1989. She has, among other accomplishments, authored a number of feature articles on birds and birders in local newspapers. The Bird-of-the-Year was a White-winged Dove that spent a few days at the Bystraks' feeder. The featured award, Birder-of-the-Year, was won by June Vaughn, one of the most active birders in the Chapter. This year we plan to add a lister's award.

Pam Rhoads, who completed her taxidermy training under Greg Kearns (Jug Bay), has continued to add mounted specimens to the Chapter collection. The recent expansion of the County school system program at Harford Glen and provision of full-time staff there gives the Chapter a long-needed capability of displaying these specimens. Ultimately, every fifth-grader in the County will spend time at Harford Glen, being exposed to all facets of the environment. The bird exhibits will be very popular.

Bird banding, initiated many years ago by Barbara Bilsborough, continued with the able assistance of Jon Cupp, Jr., Sue and Ken Heselton, Bill Pfingsten, Jim Wiley and Jean Williams. We look forward to an expansion of this effort. The volunteers named and others have devoted countless hours to this endeavor, including many demonstrations to the County school children. Our fifth annual Warbler Walk competition, organized and conducted by Jon Cupp, Sr., was finally won by old hand Dennis Kirkwood after years of finishing second, usually behind a rookie!

During the past summer Beth Olsen attended the Audubon Camp in the West, located in the Wyoming Wind River Mountains. It was an extremely rewarding and pleasurable experience for her. For the coming summer, we have two scholarship winners: Linda Bystrak and Carolyn Lipscomb.

Our rare bird hotline came of age with its first birthday anniversary in March. The hotline, now named WINGTIPS in a contest won by Karen Toussaint, covers a five-state area and the District of Columbia. It is updated regularly three times a week, and really hot information is added whenever it becomes available. During the celebrated appearance of the Ross' Gull last winter, a number of other hotlines, including NARBA, directed their users to call WINGTIPS for the latest information. The number is (301) 638-0290. WINGTIPS is the brainchild of June Vaughn, who brought it into being and who spends a considerable fraction of her waking hours tending it.

We also participated actively in the twentieth anniversary of Earth Day. In addition to sponsoring bird and wildflower walks, for three days Bill Russell was instrumental in focusing public attention on the Chapter with a display built around the borrowed MOS exhibit.

The Chapter is looking forward to continued growth in membership and activities with the continued assistance of those who have served so well in the past. The Officers, Directors, and Committees have all worked long and hard at their jobs. Although many of the necessary functions of any organization are unexciting, and those who perform them never receive the credit they deserve, the efforts of all these dedicated people have made my first year as President a truly pleasurable one. Finally, there are the many who, simply by being members, have helped make the Chapter successful. "They also serve who only stand and wait."

William B. McIntosh, President

HOWARD COUNTY CHAPTER

The Howard County Chapter had another full year of activities, consisting of many annual events and several highlights. The chapter's yearly activities began in August at the Howard County Fair. Mike McClure coordinated the club's effort, finding volunteers to display our bird collection, disseminate information and attract new members. Our two seed sales, in October and January, were once again great fund raisers for the club. These have been very well organized by Eileen Clegg. The October sale was our biggest ever, with over 43,000 pounds of seed loaded in about 3 hours. Our annual mid-winter bird count was held on January 27, followed by a tally dinner at the Simon's and our May count tally dinner was hosted by the Randle's on May 12. In March we had our annual potluck dinner, organized by Monika Botsai and Grazina McClure; we also hosted the meeting of the MOS state board of directors.

The club's close association with the county recreation department continued with club members leading or co-leading nature and birding walks in several major county parks. The club's collections of bird specimens, nests, and slides were used by about 20 members for programs at schools, nature camps, scout groups, and other county organizations.

The Howard Chapter mailed five issues of *Maryland Birdlife* during the year. Each "stuffing party," planned by Maud Banks, provided an opportunity for several hours of socializing while trying to keep the zip codes properly grouped. Once again, by combining contributions and club funds raised by seed sales, we were able to make several sizeable contributions to The Nature Conservancy Appalachian Campaign.

Our Cavity Nester Committee co-chairmen Joe Suess and Mark Wallace and numerous helpers reported that 1,515 Bluebirds fledged in the county last year. This project has really boosted the county bluebird population. The one-year county species list reached a new record with a total of 223 species seen in Howard County last year.

Heading the list of 1989-90 highlights is publication of the Bird Checklist for Centennial Park, the county's most popular park. The list is a compilation of sightings spanning 6 years and recorded by a team of compilers, headed by coordinator Charles Swift. Jane Farrell, our park list committee chair, edited the list and worked closely with the Department of Recreation and Parks, which agreed to print and distribute the list to park visitors. The checklist is the first in what we hope will be a series for major county parks. This year the club also donated a bulletin board to the Department of Recreation and Parks. The board, mounted at the Centennial Park concession building, displays items such as bird sightings, nature walks, and unusual plants or animals. Notices of meetings of environmental groups or other nature related events also are posted.

In summary, 1989-90 was another successful year. The brief report, however, can mention only some of the hard working people and good ideas that went into making this a great year for the Howard Chapter.

Thomas Strikwerda, President

KENT COUNTY CHAPTER

The Kent County Chapter has had a year much like other years with the membership staying around 75. We had our usual program of six regular meetings, a dinner meeting and a picnic. Three field trips visited the "Damsite" banding station, the Wildfowl Trust sanctuary at Grasonville and the Lorenz farm on the upper Chester River. As a fund raising activity we switched this year from a yard sale to sale of T-shirts and sweatshirts imprinted with bird designs from Trish Gruber and Peggy Blair and a club logo. Information tables at the Chestertown Wildlife Show and the Chestertown Earth Day activities also sold the shirts. A very successful feeder watch and coffee was hosted by Tom and Peggy Arkinson, whom we thank for their hospitality. Participation in the Audubon Christmas Count was normal for us with a number of people coming across the bay, but our May count had only four participants so our coverage was not up to that of previous years.

The bluebird nest box monitoring effort was increased this season (1990) and we thank Steve Hitchner for coordinating the program and compiling the results.

John Lorenz, President

PATUXENT BIRD CLUB

Our meetings were held on the 4th Tuesday in Building O11-A at the Agricultural Research Center in Beltsville, one long block northwest of the USDA Library tower. Our speakers included John Tautin who led us on an African safari, Don Messersmith who took us on a birding tour of Inner Mongolia, Glenn Therres who talked about Maryland Bald Eagles, and several Patuxent scientists who presented illustrated talks on various phases of their research: Matt Perry who gave an overview of Patuxent's first 50 years, Glenn Olsen (veterinarian to the endangered species program), Fred Johnson (on Fulvous Whistling-Ducks), and Chan Robbins and Barbara Dowell (on a recent trip to Sierra de las Minas, Guatemala).

Our big project of the year was a fund-raising effort to help Defensores de la Naturaleza purchase the first large tract of tropical rain forest on Sierra de las Minas for a Biosphere Reserve. This extraordinary mountain range is said to have the highest biotic diversity in Guatemala and to include habitat for more than half the population of their national bird, the Resplendant Quetzal. Donations from our club purchased 640 acres (a full square mile) of this pristine forest. We thank Byron Swift of World Parks Endowment for giving us this unique opportunity to make such a significant contribution.

Eleanor Robbins, our Conservation Chairperson, continued to give conservation updates at each meeting and write the Club column for the *Laurel Leader*. This year she also wrote a column for *Beltsville News*. Book sales yielded contributions to the Atlas Publication Fund, the Scholarship Fund, and the Sanctuary Maintenance Fund.

In addition to participating in the Christmas and May counts and Winter Bird Survey, we displayed an Earth Day exhibit at Greenbelt, several members led walks in honor of Earth Day, and our Chapter helped sponsor the Citizens Conference on Forests and Forestry at College Park.

Chandler S. Robbins, President

MONTGOMERY COUNTY CHAPTER

Members of the Montgomery County Chapter enjoyed another active year of meetings and field trips. In September, Ron Naveen spoke to us about South Georgia Island and his hopes for the entire Antarctic region. Gentle wit and magnificent photographs brought home the plight of this special place. We birded the C&O Canal and Point Lookout. October's meeting featured Kent Minichello and important lessons on fire ecology and fire management in Yellowstone National Park. Field trips went to Harmony Hall and Broad Creek in PG County and to Waggoner's Gap in Pennsylvania for hawk watching. In November, Hal Wierenga gave us an overview of the birds of Alaska and left many members devising schemes to pay for a trip to the Great Land. Field birding concentrated on migrating hawks and waterfowl with trips to Blackwater National Wildlife Refuge, a boat trip on the Potomac south of DC (thanks to MNCPPC-PG) and a weekend on the Outer Banks of North Carolina. Just as the bitter cold of December descended on us, Bruce Beehler arrived to talk about his work with Birds of Paradise in New Guinea. The only field trip was to the fields of southern Frederick County, but members busied themselves with numerous Christmas Counts. The chapter cosponsors two: Seneca and Sugarloaf Mountain.

The new year started with Vice-President Daphne Gemmill speaking about her experiences assisting bird studies through the aegis of Earthwatch. We all got another reminder about how valuable a dedicated amateur can be in ornithological research. Field trips included a visit to the ever popular C&O Canal. In February, we were wondering just how long the thaw was going to last and listening attentively as Glenn Therres told us about the Barn Owls of Maryland. Glenn also brought us up to date about some of the activities of Maryland DNR—particularly the nongame section. Field trips included a long holiday weekend trip up and down the Delmarva peninsula and a shorter one day version that covered Henlopen to Ocean City. The annual social was held in March featuring outstanding food, animated conversation, a gallery of member's favorite slides, and the election of officers. Our raffle raised slightly more than \$500; almost all of this was donated to the MOS Sanctuary Endowment Fund. The field trip highlight was a trip to the National Zoo with Claudia Wilds who helped members with identification problems and techniques. Of course, many of us rushed to Baltimore to see the Ross' Gull.

In April, John Trott brought his beautiful photographs of Maryland birds and wildflowers and his impressive knowledge of natural history to our monthly meeting. A field trip to lake Needwood opened the spring migration season. In May, James Gibson spoke about music and bird song. As both a professor of music, a composer, and a bird tour leader he had unique insights into a subject particularly fitting as the spring migration rushed to a crescendo. Members tested their own auditory skills on trips to local hotspots and on the annual May Count. A weekend at Chincoteague sharpened our shorebird skills and introduced some of us to the Fork-tailed Flycatcher. The year ended with a weekend in Garrett County where singing "northern" warblers and drumming grouse were a special pleasure.

The Chapter continues to do well with membership near 250 and attendance at monthly meetings ranging from 85 to 100. We continue our special support of Adventure Sanctuary. We look forward to another year of birding challenges 1990-91.

John Bjerke, President

(To be concluded in September 1990 issue)

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